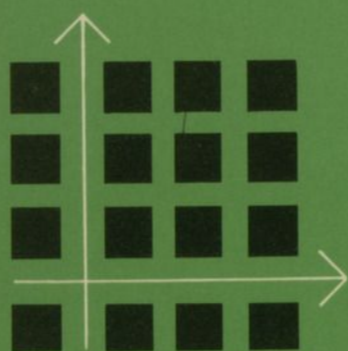


# Seasonally Adjusted Indicators 1978



AUSTRALIAN BUREAU OF STATISTICS  
CANBERRA, AUSTRALIA



# SEASONALLY ADJUSTED INDICATORS

1978

**R. J. CAMERON**  
*Australian Statistician*

**AUSTRALIAN BUREAU OF STATISTICS**  
**CANBERRA, AUSTRALIA**

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SEASONALLY ADJUSTED

INDICATORS

1978

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Commonwealth of Australia 1978

E. J. CAMERON  
Director, Statistics

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## PREFACE

This, the twelfth in the series of annual bulletins, presents in seasonally adjusted form selected statistical indicators of Australian economic activity. It continues most of the series published in the 1977 edition. Since then the seasonal adjustments of *unemployed persons excluding 15-19 year olds looking for their first job* have ceased to be published and are not included in this issue. Six newly adjusted finance series, however, are now included: *housing finance for owner occupation*, *loans approved to individuals – number of loans approved for the construction of dwellings and purchase of newly erected dwellings* and *total value of loans approved*, both by *savings banks*, *trading banks* and *permanent building societies*. Additionally, four more national accounts series are included: *gross operating surplus – trading enterprises – companies and other*; *household disposable income*; and *household saving*. The adjustments of *index of value of exports at constant prices* and *index of value of imports at constant prices* have been replaced by *exports of merchandise* and *imports of merchandise* at current and at average 1974-75 prices. In the production series, the adjustments of *beef and veal* and *mutton and lamb* have been replaced by the adjustment of *total meat*; and the adjustments of *domestic refrigerators* and *confectionery* have been included while the adjustment of *woollen and worsted woven cloth* has been excluded.

The National Expenditure estimates at constant prices published in this bulletin are at average 1974-75 prices. They cover the period September 1966 to March 1978. Estimates at average 1966-67 prices for the period September 1959 to June 1977 are available in the *Supplement to Quarterly Estimates of National Income and Expenditure – December quarter 1977* (5207.0).

Presentation of series in seasonally adjusted form serves as an aid in statistical interpretation and analysis. The series are shown as originally compiled and as seasonally adjusted, both in tabular and graphical form, covering where possible the past fifteen years. Selected seasonally adjusted series are also presented on semi-logarithmic charts to facilitate comparisons of rates of growth in series of differing magnitude. A growth rate protractor has been included in this bulletin to enable the user to determine and compare rates of growth in these series over varying time spans. Its use is explained on page 11, immediately preceding the presentation of the semi-logarithmic charts.

The seasonally adjusted series published by this Bureau are calculated by electronic computer methods. The basic seasonal analysis program employed is the X-11 variant of the U.S. Bureau of the Census Method II seasonal adjustment program, a brief outline of which may be found in Appendix A 'Notes on Seasonal Adjustment Methods'. The tables and graphs presented have been reproduced directly from computer output produced by means of ancillary programs developed by this Bureau. This has been a feature of this series of bulletins since its inception in 1967. These programs are now incorporated in an integrated time series system which provides for the manipulation, analysis and tabulation of time series data and which also contributes to the production of this bulletin.

Explanatory notes on the nature of the statistical series included in this bulletin are given in Appendix B, together with references to publications containing more detailed information.

It should be recognised that seasonal adjustment may be carried out by a number of accepted procedures, each of which can be expected to yield results differing in greater or lesser degree from each other. Accordingly, in interpreting particular seasonally adjusted statistics, it is important to bear in mind the methods by which they have been derived and the limitations to which the methods used are subject. The explanation given in Appendix A of seasonal adjustment methods used, together with details in Appendix C of the method of adjustment employed for each adjusted series, is intended to serve these purposes. To assist further in interpreting particular seasonally adjusted series, details of selected measures of variability for each series published in seasonally adjusted form by this Bureau are provided in Appendix D.

Quite frequently, series have discontinuities in trend, seasonal pattern or both arising from either inherent changes in the series or in the way that a series is recorded or estimated. This poses a problem for seasonal adjustment and it is usually advantageous to remove discontinuities, if quantifiable, prior to seasonal analysis. The problem of discontinuities and various methods used to estimate prior factors to remove them are described in Appendix E.

Further seasonally adjusted figures for each of the series included in this bulletin, and other series adjusted by this Bureau, will be published, as they become available, in the relevant monthly and quarterly publications of the Bureau. Current figures for most of these series are also published in the *Monthly Review of Business Statistics* and the *Digest of Current Economic Statistics*.

Enquiries concerning these statistics may be made by telephoning Mr Allan Klason on 526019 in Canberra.

**R. J. CAMERON**  
Australian Statistician

Australian Bureau of Statistics  
Belconnen, A.C.T. June 1978

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## GENERAL NOTES

- (1) All seasonally adjusted figures are subject to revision.
- (2) All figures relate to Australia as a whole unless otherwise stated.
- (3) All values are in Australian dollars.
- (4) A brief description of the timing, coverage, etc. of each series is given in Appendix B.

## INTRODUCTION

### THE PURPOSE OF SEASONAL ADJUSTMENT

In most instances, the aim in compiling monthly or quarterly economic time series is to provide evidence of movement — to indicate the effects changing conditions are having on the activity being described, and in so doing, signal what might be likely to occur in the near future. Seasonal adjustment is a technique designed to aid these processes of analysis and interpretation.

The technique itself is based on the fact that most economic time series exhibit regular or predictable fluctuations associated with the calendar. Such fluctuations may occur for a variety of reasons. They may simply be expressions of the round of the seasons and related weather conditions, e.g. the production of many rural commodities, and the fact that consumption of electricity is much higher in winter than in summer. On the other hand they may reflect traditional behaviour associated with the calendar and the various social, business and administrative procedures attached to it. Thus taxation revenue has tended to be high in the second quarter and fall heavily in July, while savings bank deposits are usually relatively low over the second quarter of the year and thereafter rise up to a peak in the month of November. The effects of Christmas and the associated holiday season can be identified in most economic time series and in addition there are the effects that variations in the number and sequence of days in the month have on a monthly series. The effects of these month-ending and trading day variations can be estimated and removed along with the seasonal.

It should be noted that seasonally adjusted figures include short-term fluctuations which are not linked to the calendar in any predictable way. The effects of such spasmodic events as industrial disputes or unusual weather conditions are still present in the adjusted figures, as are statistical errors of measurement such as sampling errors. Moreover most series are subject in varying degrees to erratic ebbs and flows characteristic of the activity being described. The presence of these irregular components in the adjusted series should be borne in mind in interpreting short term movements in the seasonally adjusted figures.

## INTERPRETATION OF SEASONALLY ADJUSTED STATISTICS

Users of seasonally adjusted statistics should bear the following points in mind:

1. Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from statistical series, so that the effects of other influences on the series may be more clearly recognised.
2. In the seasonal adjustment of certain statistical series published by this Bureau, adjustments have been made for the effects of some calendar irregularities, for example: 'trading-day' effects (e.g. having four or five Fridays in a particular month); and the effects of movable holidays, i.e. Easter and Australia Day. These adjustments have been made where warranted by prior analyses. Since these adjustments materially affect the results, users should particularly note whether or not these calendar adjustments have been made to particular series. This is indicated in Appendix C.
3. Seasonal adjustment does not remove the effect of other influences from the statistics; in particular it does not remove any unusual irregular movement which may be present in any particular month or quarter (e.g. the effect of a major industrial dispute). Therefore, an unexpected upward or downward movement in a seasonally adjusted series does not necessarily denote a change of trend.
4. Among the irregular movements (i.e. those not removed by seasonal adjustment) would be movements due to any abnormal 'seasonal' effect (e.g. the effect of earlier-than-normal cold weather requiring increased electricity production for heating purposes). This effect would remain in the adjusted figures.
5. The methods of seasonal adjustment employed allow for gradual changes in the seasonal pattern, so that current figures are adjusted in accordance with the estimated normal seasonal pattern of the recent past. However, the methods used may not give an adequate adjustment if there should be an abrupt seasonal pattern change that cannot be quantified or a sudden change in the nature of the series, near the end of the series or in the future.
6. The methods have required judgment to be used in the choice of certain specifications — though once the specifications have been chosen, the adjustment of the statistics proceeds each month without subjective judgment having to be used. For this reason the adjusted series are always in a sense estimates, and are not definitive statistics in the same sense as the original statistics are.
7. Seasonally adjusted statistics will be revised following revisions to the original data and as additional data are brought into the analysis each year.
8. *For these reasons, therefore, it would be neither reasonable nor prudent to regard seasonally adjusted series as in any way 'definitive'. They must be treated with caution as being no more than useful indicators of movements. They can without doubt be a useful aid to critical interpretation, but can in no way be a substitute for it.*

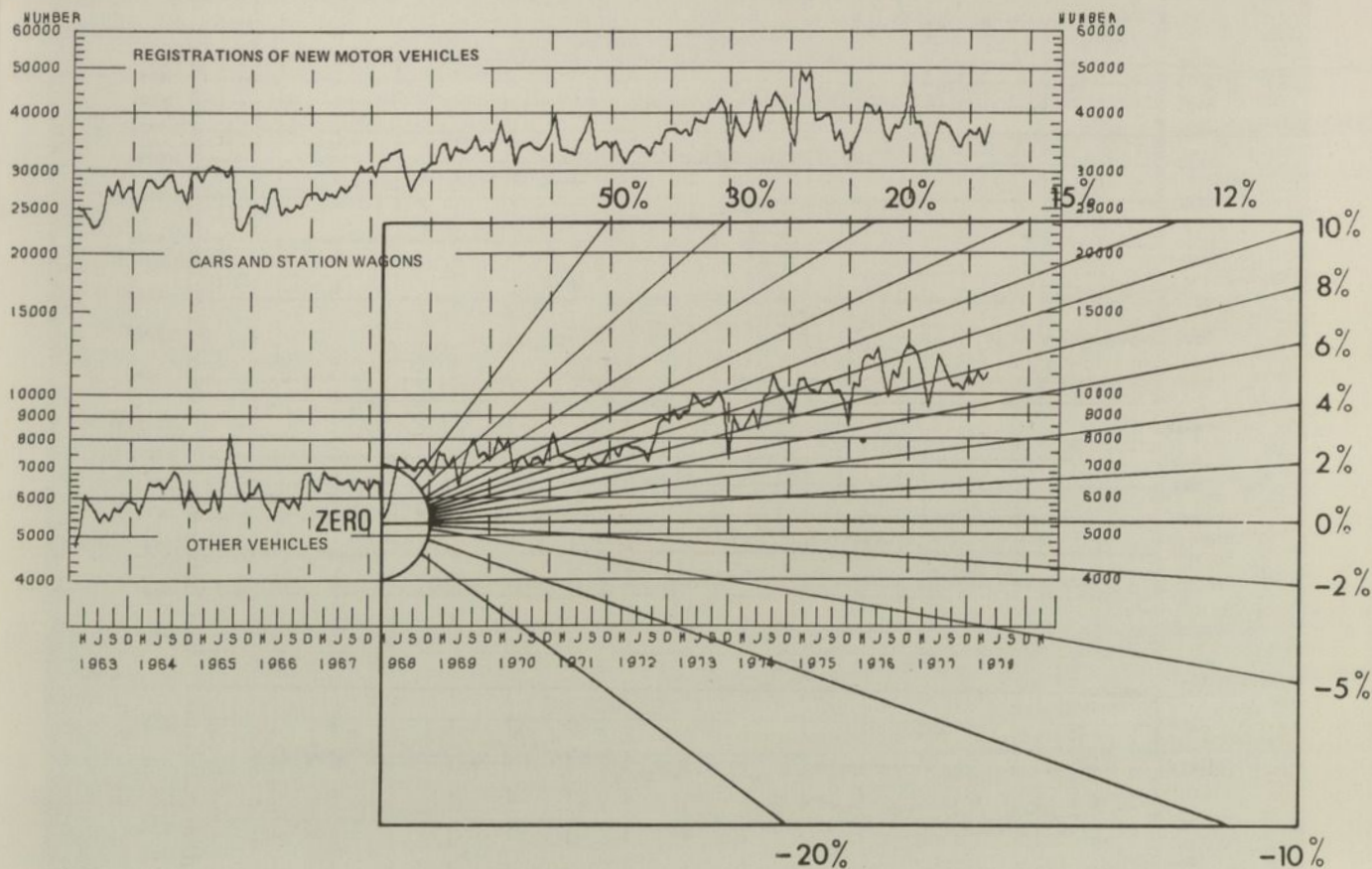
For a more complete explanation of how the series included in this bulletin have been seasonally adjusted and how the results should be interpreted, reference should be made to the description, given in Appendix A, of the seasonal adjustment methods adopted.

# SEMI-LOGARITHMIC CHARTS

## GROWTH RATE PROTRACTOR

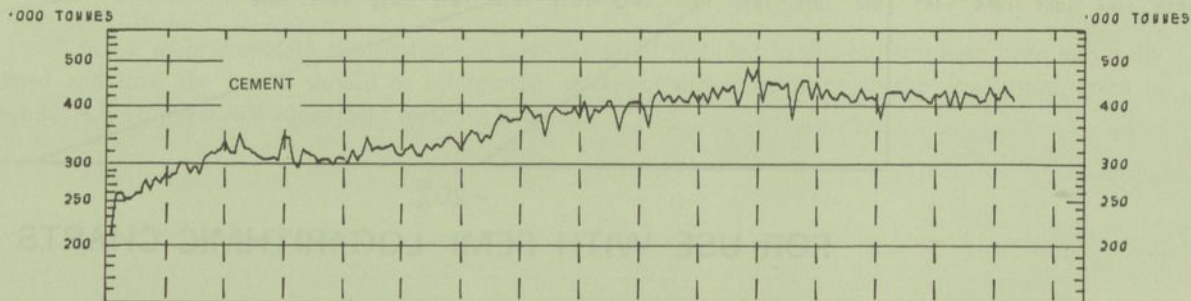
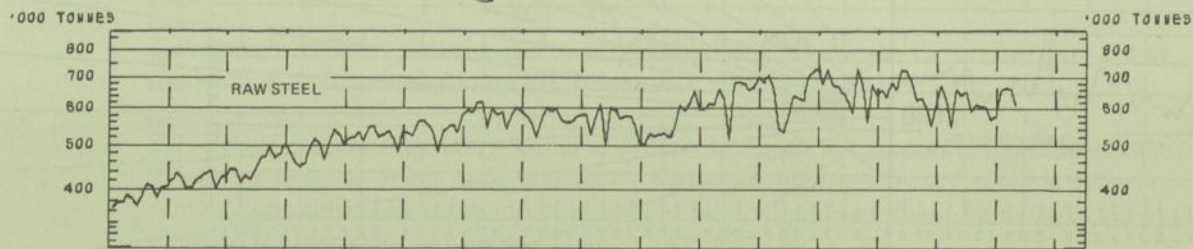
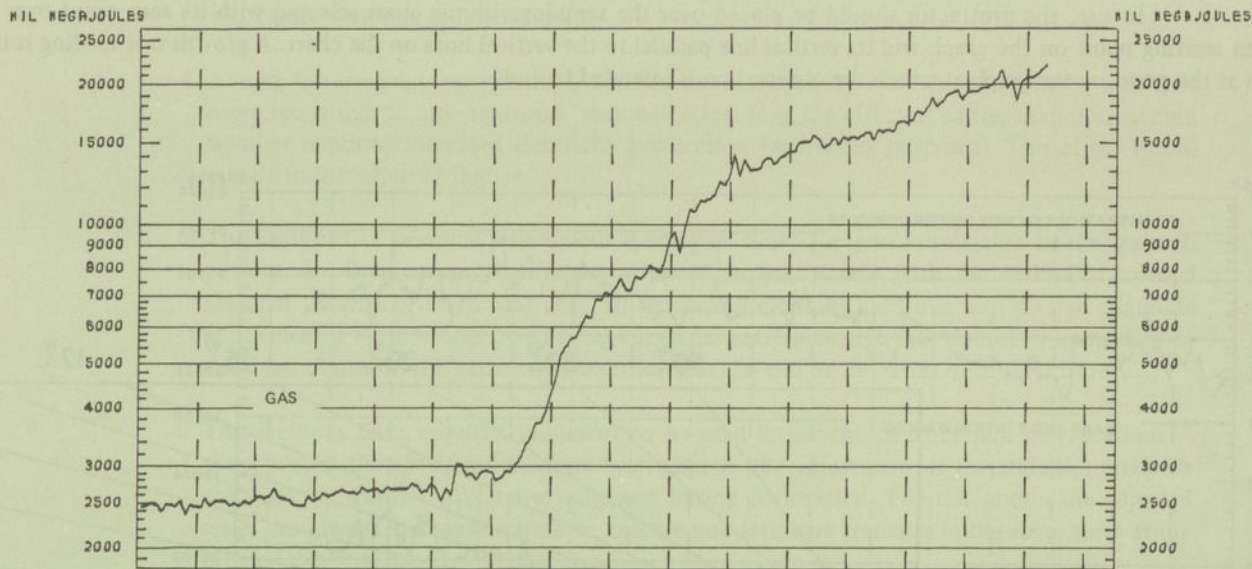
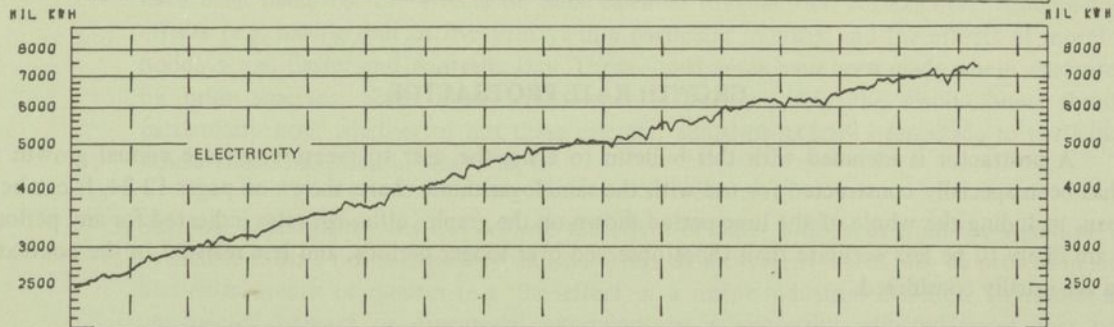
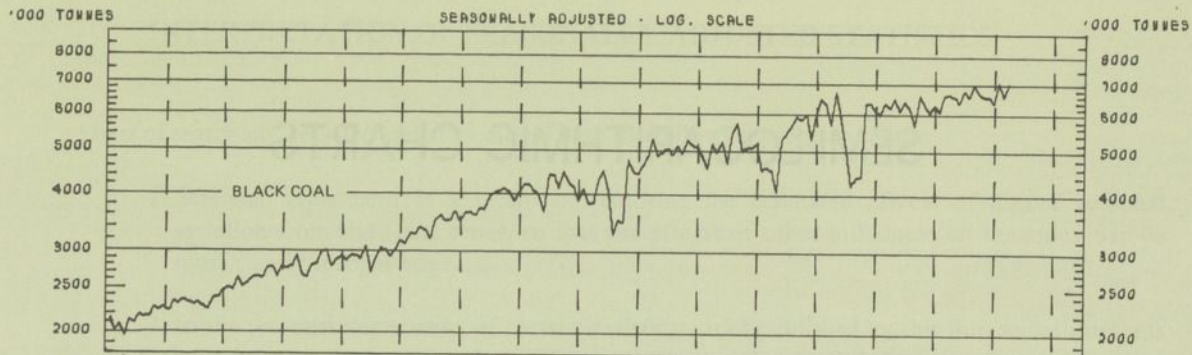
A protractor is included with this bulletin to assist the user to measure average annual growth rates. The protractor has been specially constructed for use with the semi-logarithmic charts shown on pages 12-24. It can be used over any time span, including the whole of the time period shown on the graphs, although rates indicated for any period less than three years are likely to be less accurate than those observed over longer periods, and less relevant in the context in which growth rates are usually considered.

In use, the protractor should be placed over the semi-logarithmic chart selected with its zero point over the chosen starting point on the graph and its vertical line parallel to the vertical lines on the chart. A growth rate reading is then taken at the point on the graph at which the observation is intended to end.



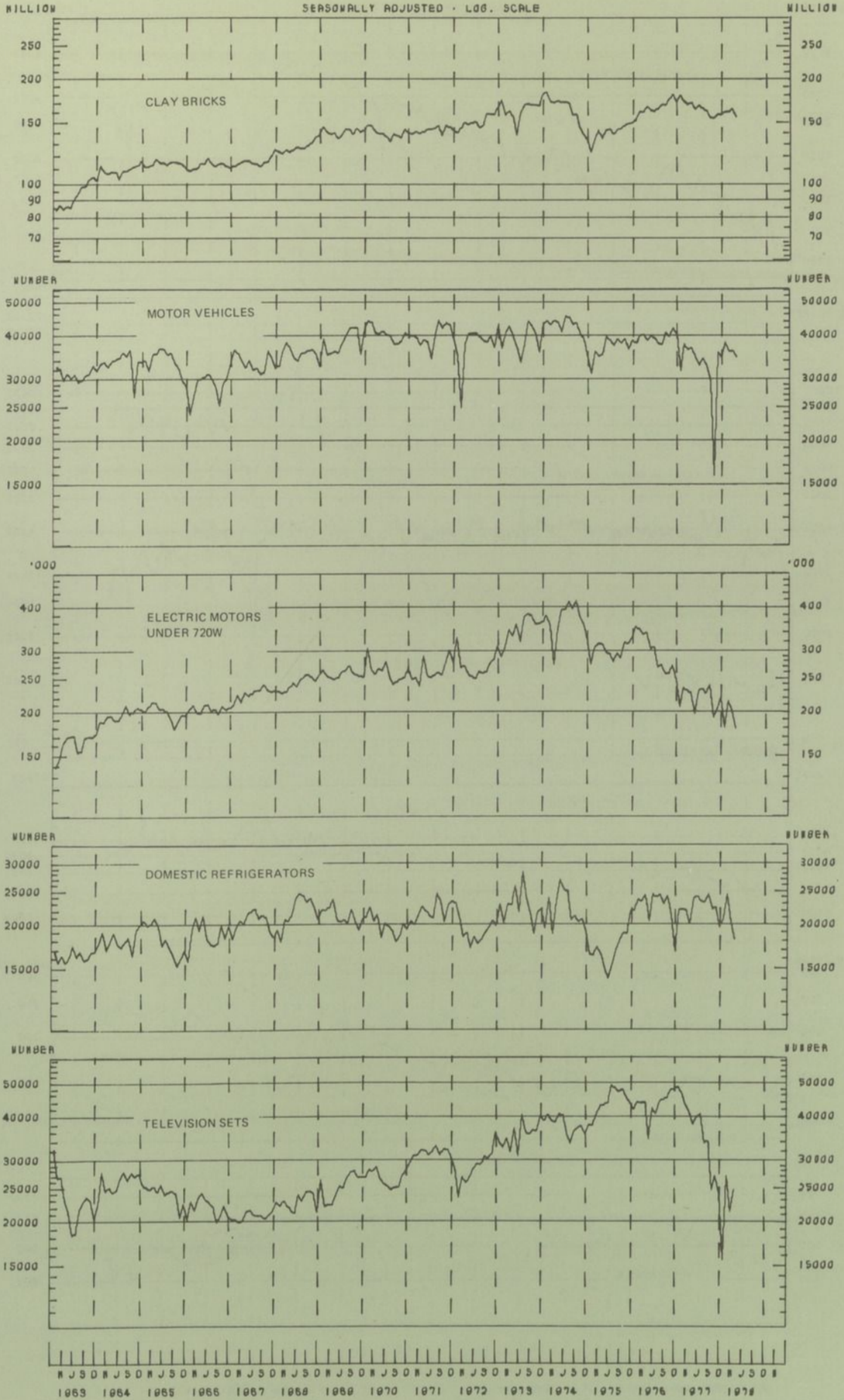
FOR USE WITH SEMI-LOGARITHMIC CHARTS

## PRODUCTION

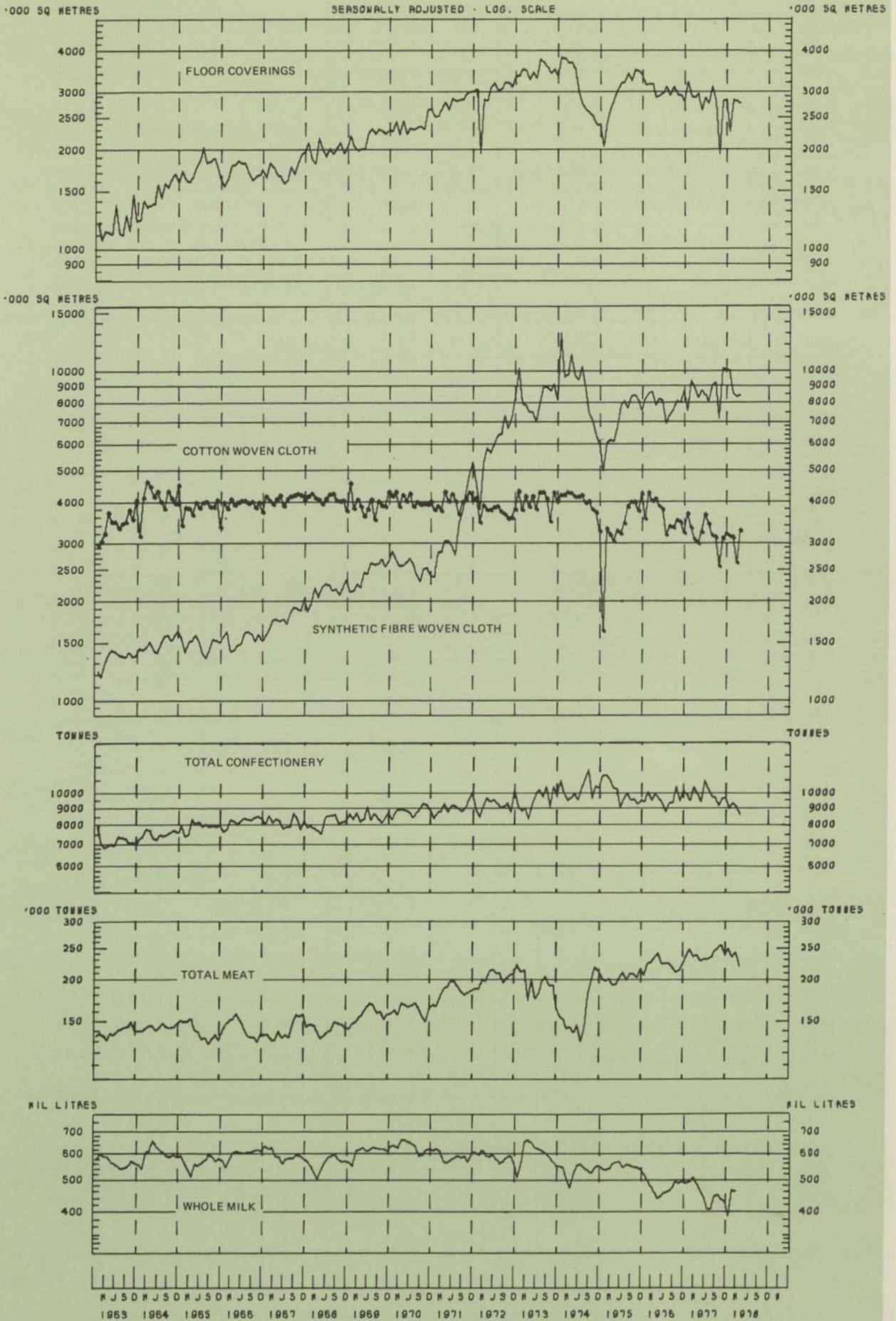


1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978

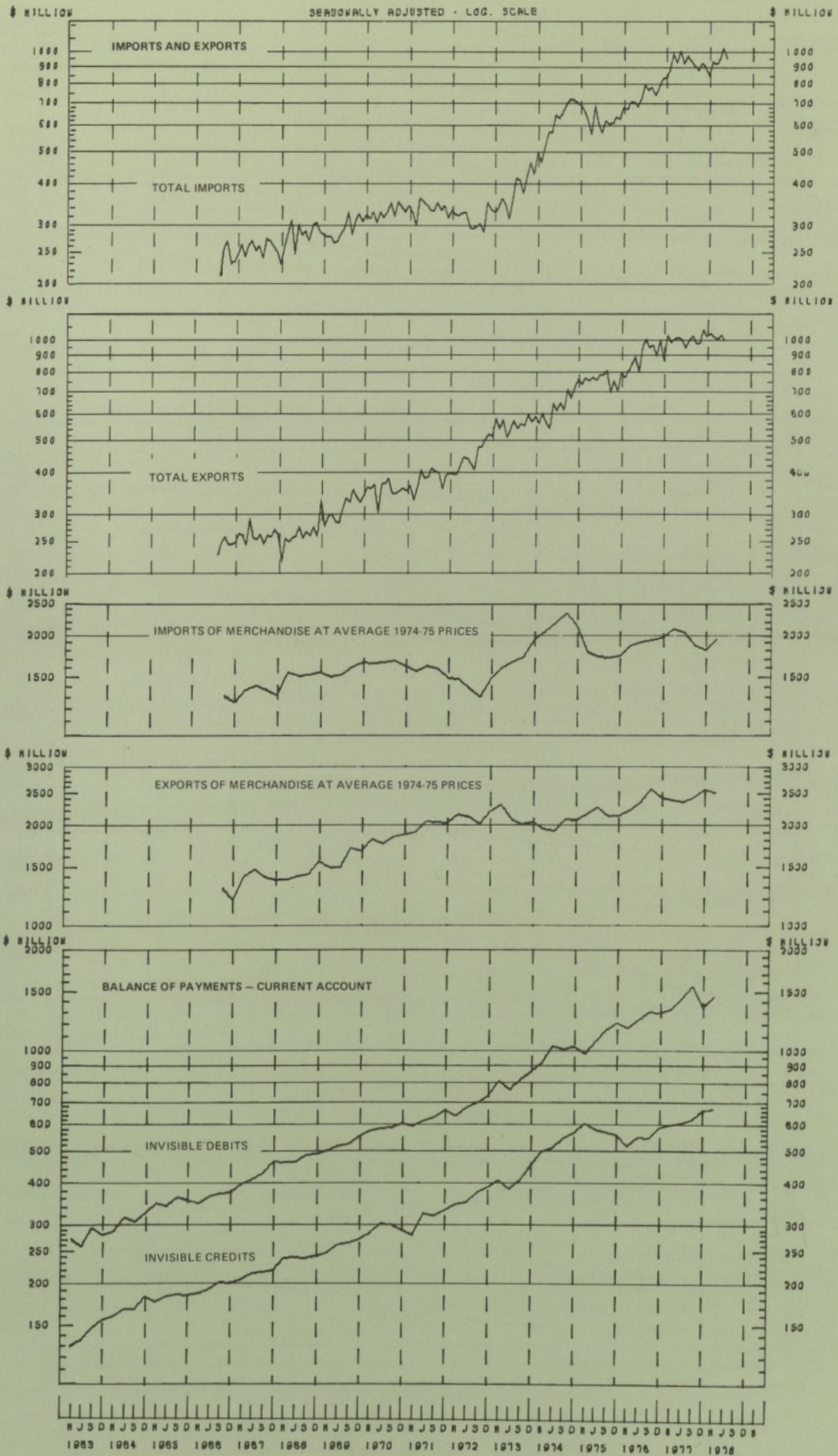
## PRODUCTION

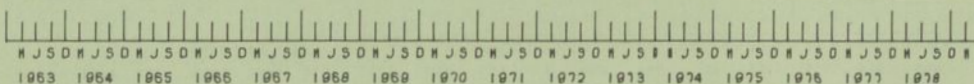


## PRODUCTION

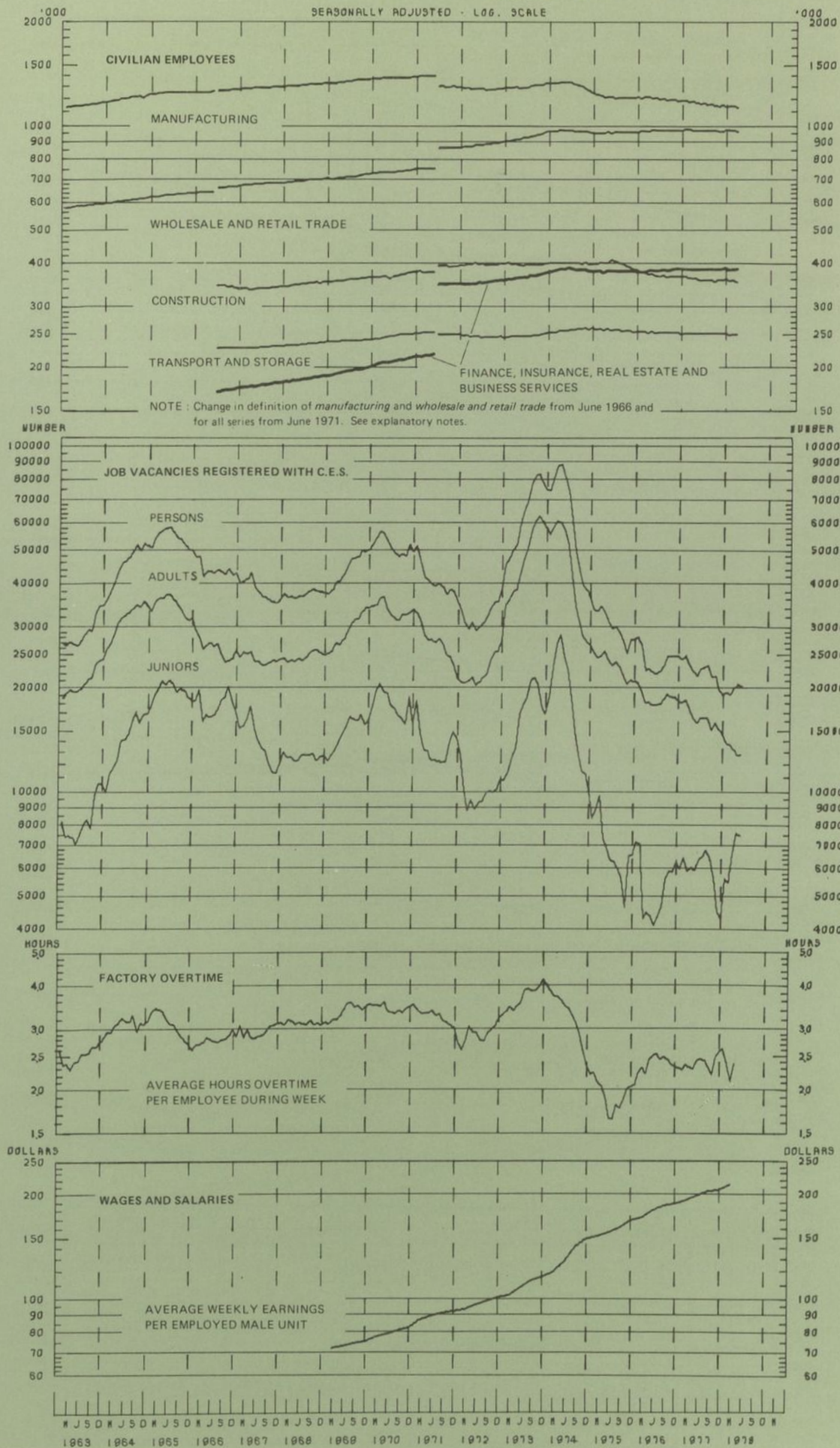


## OVERSEAS TRANSACTIONS

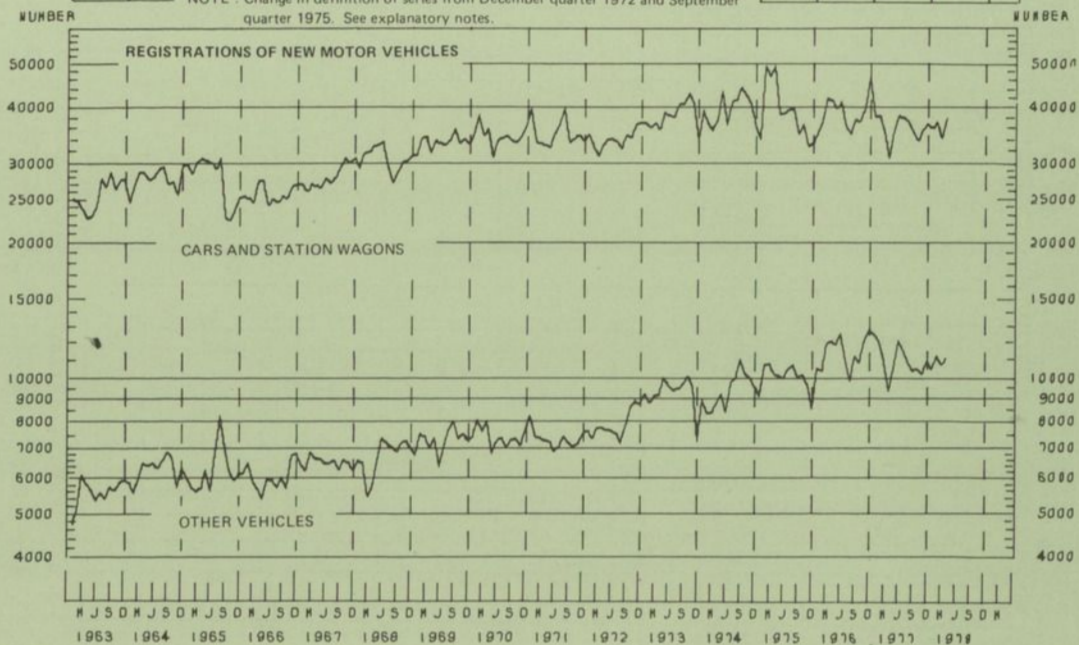
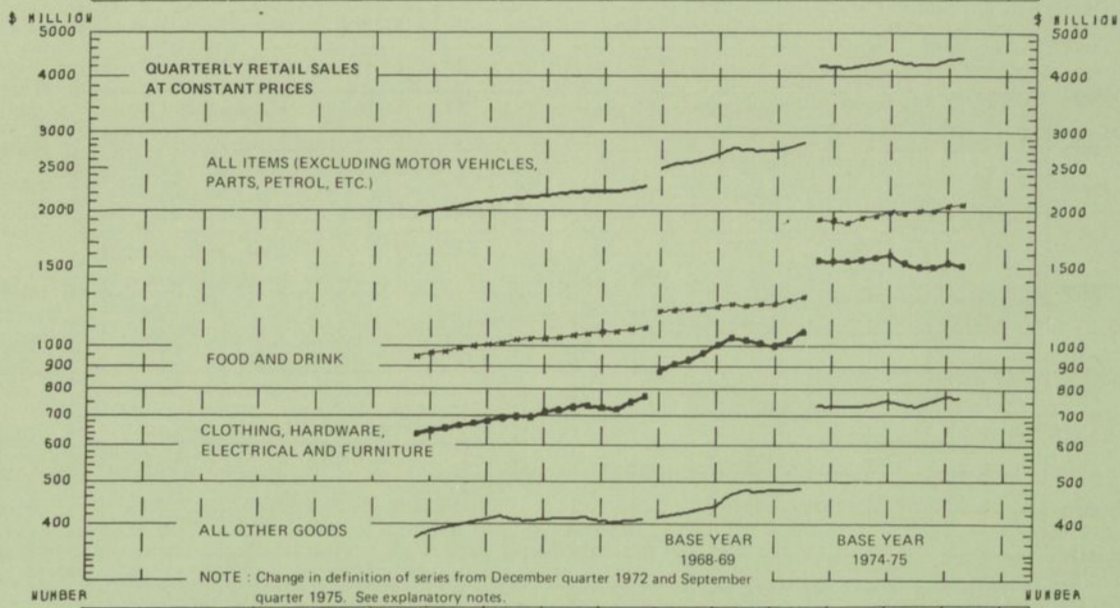
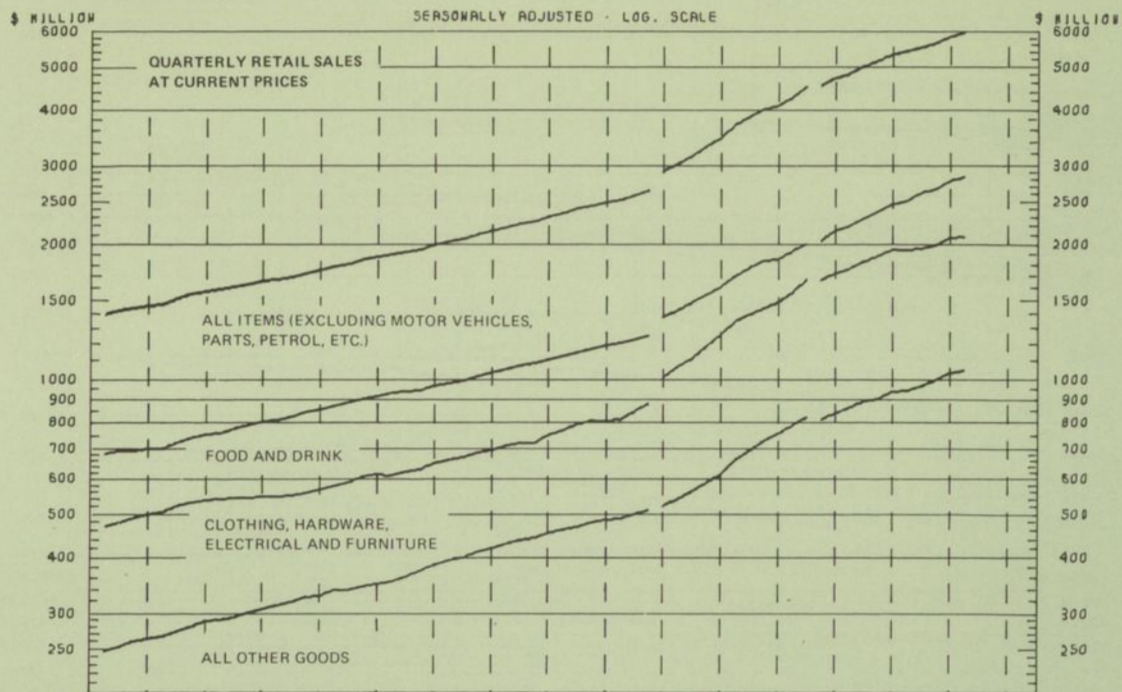




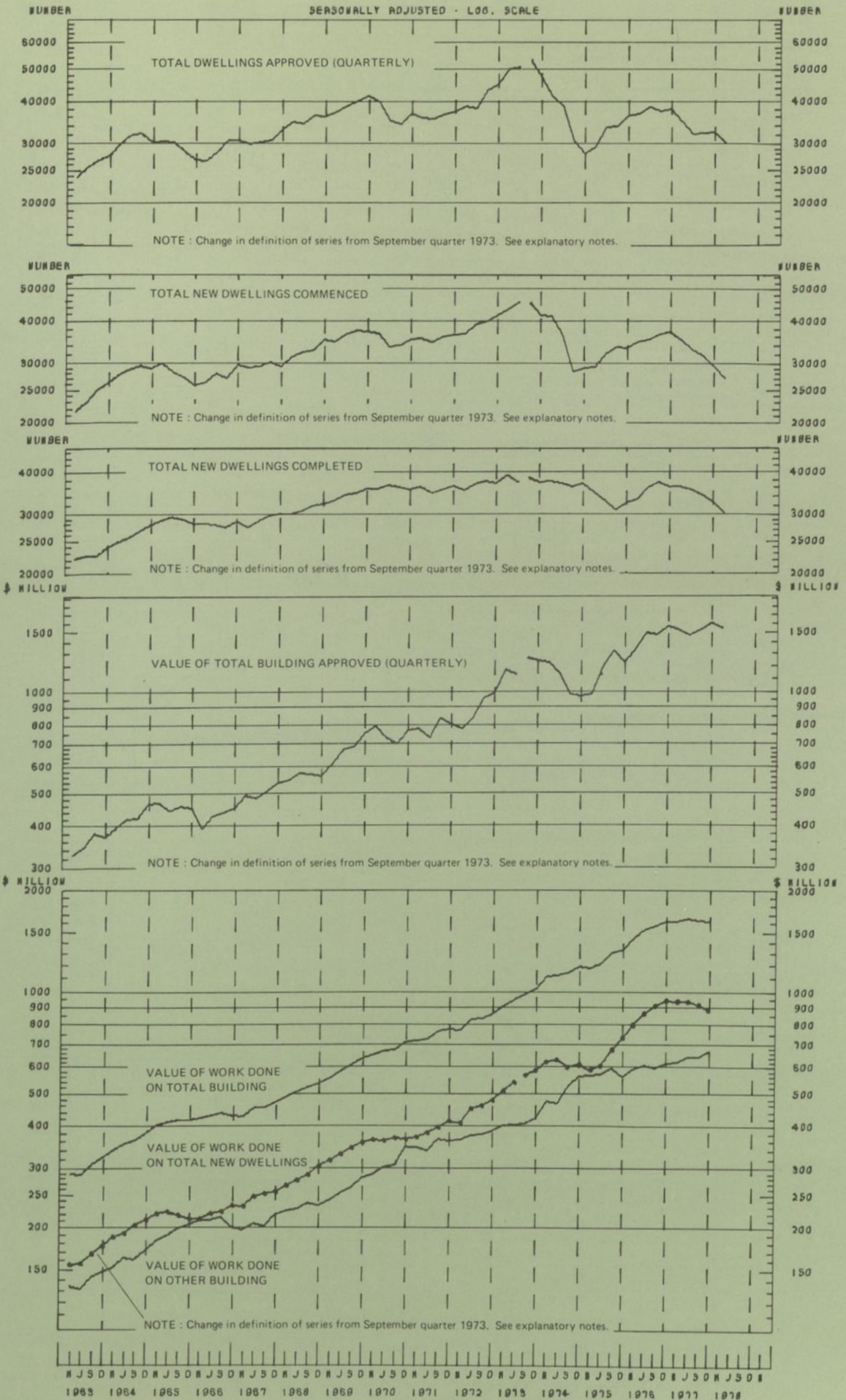
## EMPLOYMENT AND LABOUR/WAGES AND SALARIES



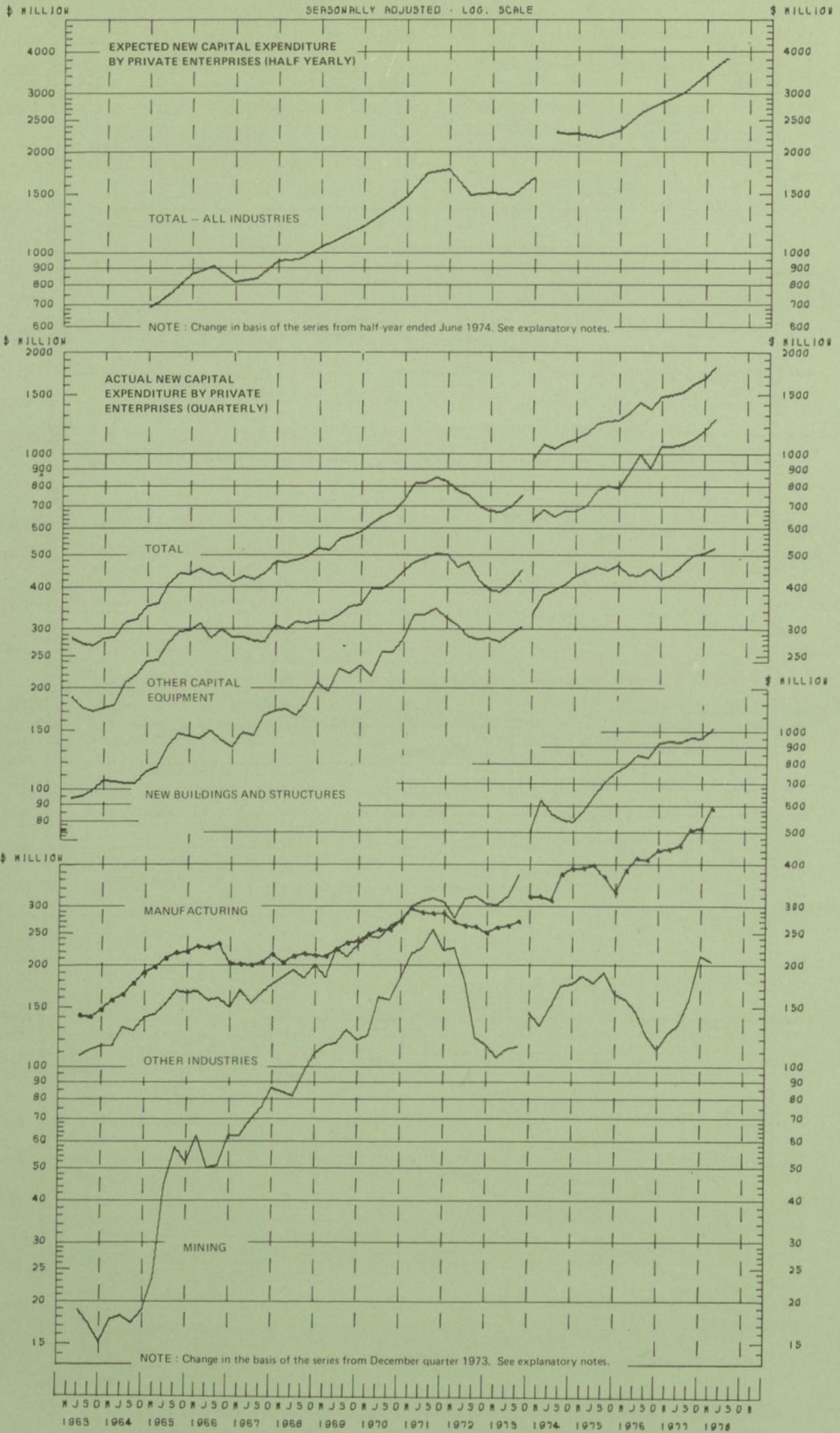
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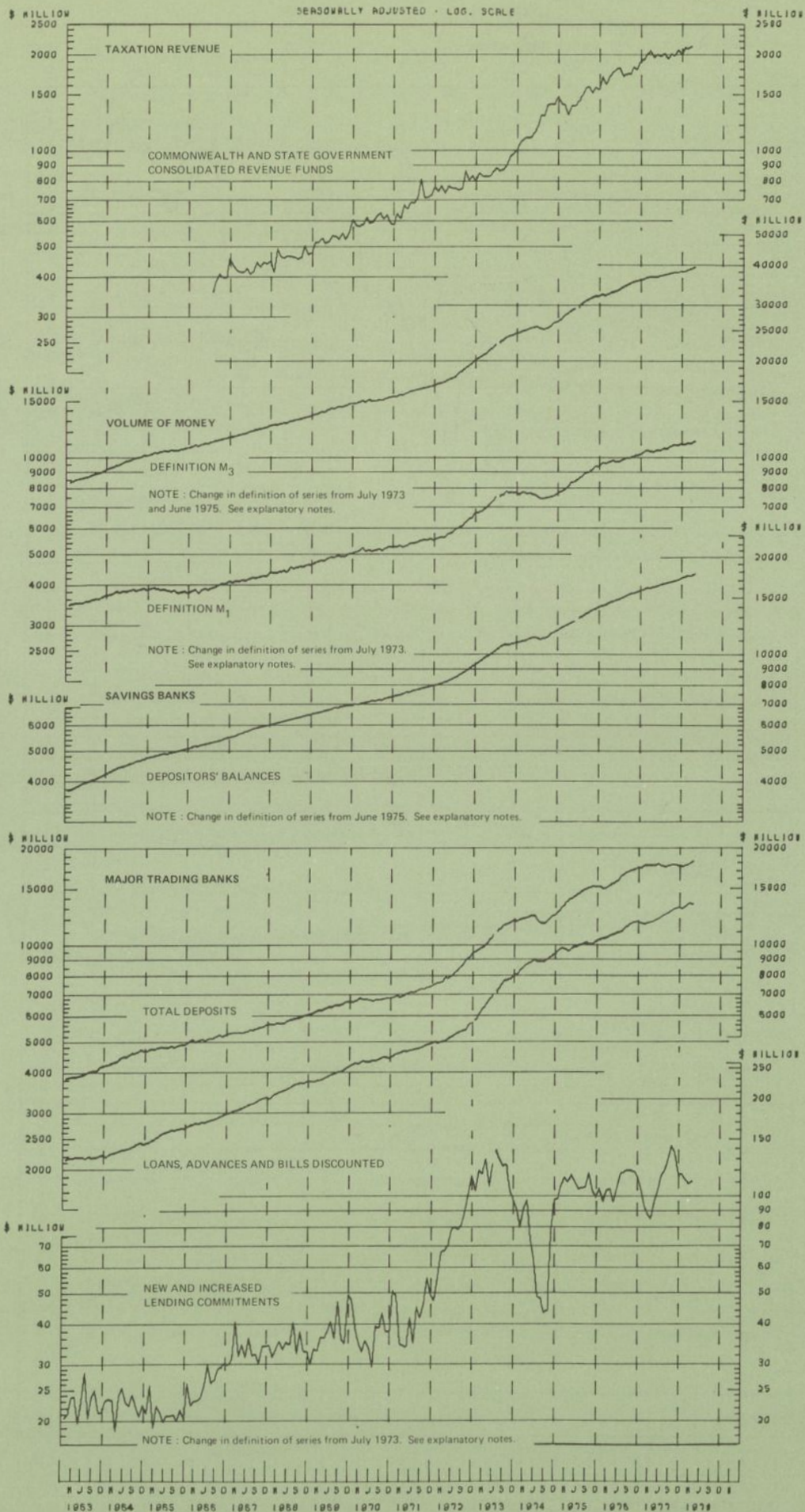


## BUILDING

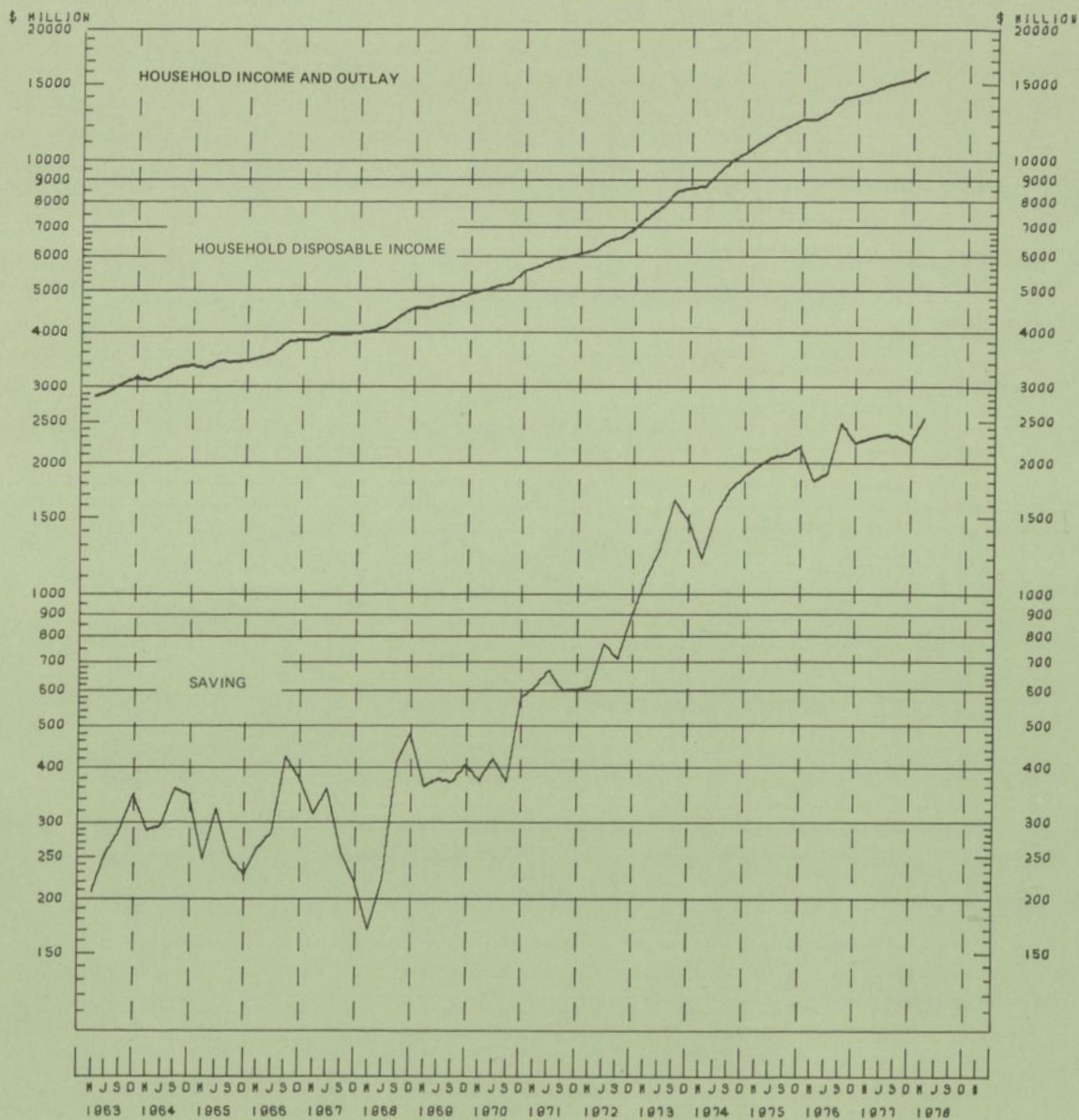
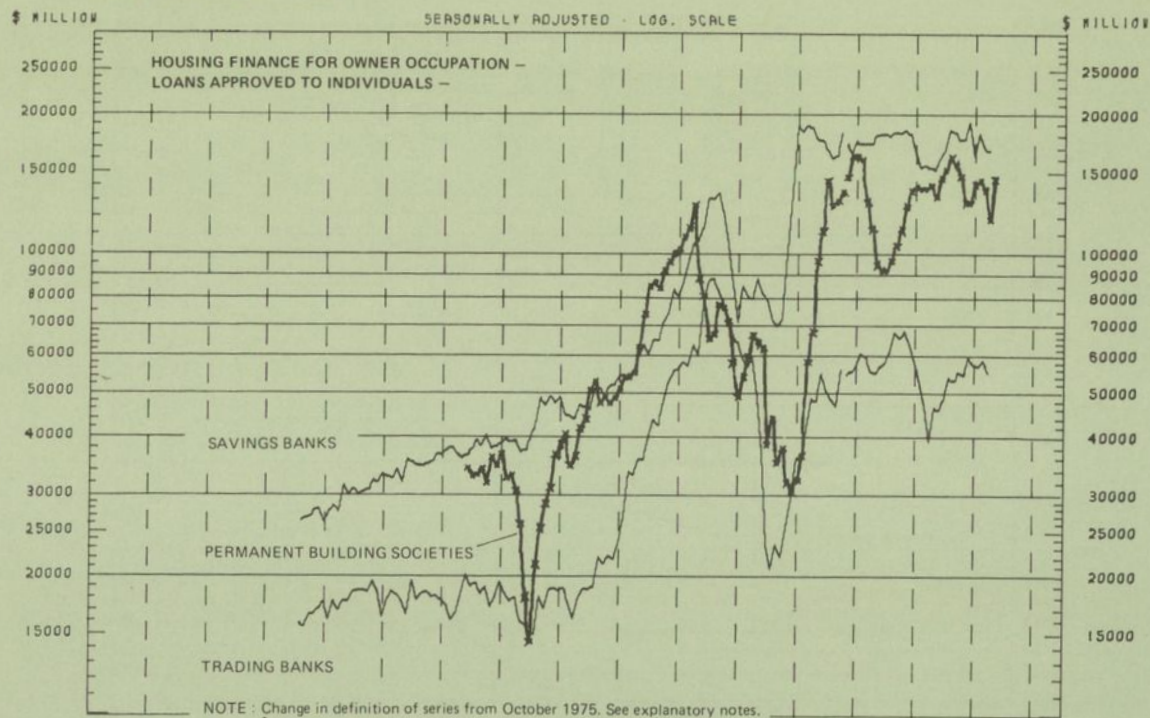


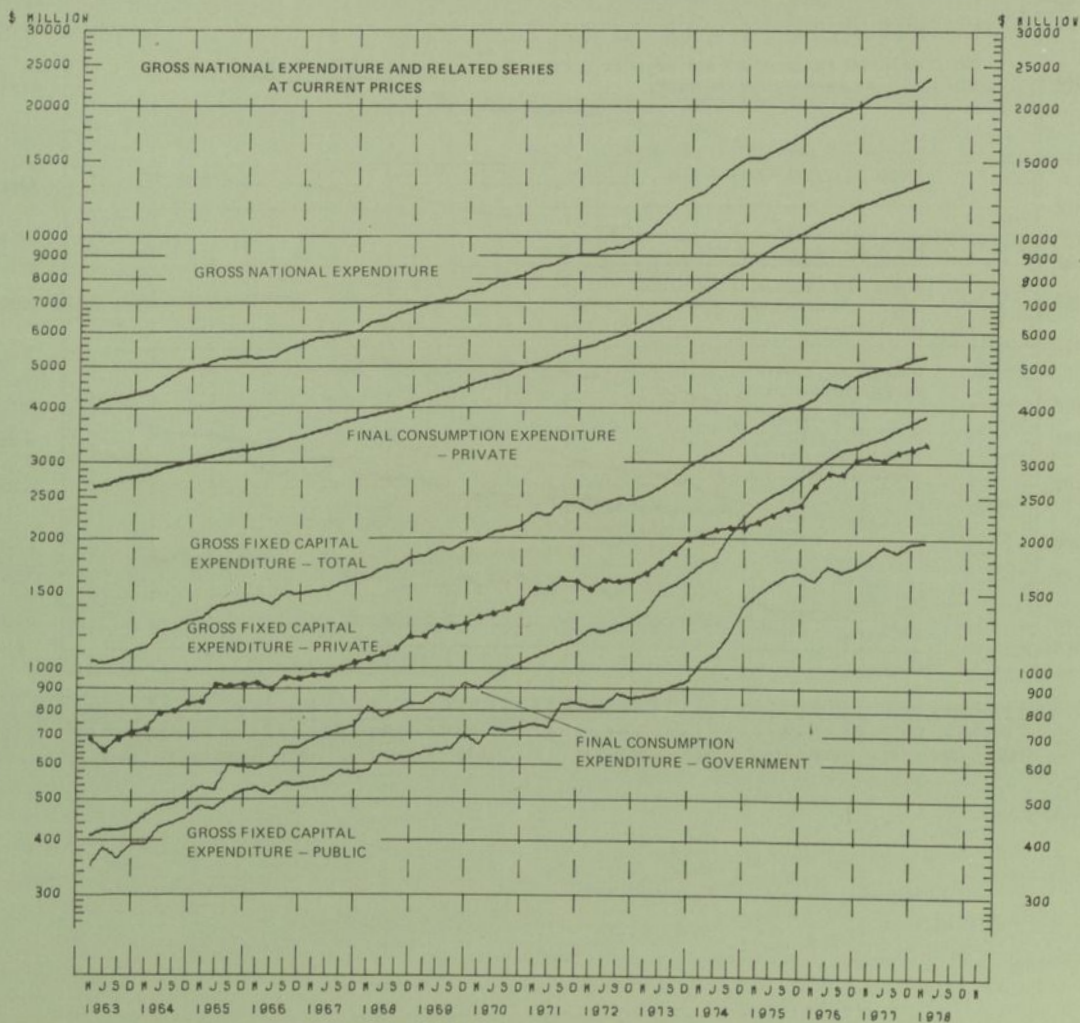
## NEW PRIVATE CAPITAL EXPENDITURE



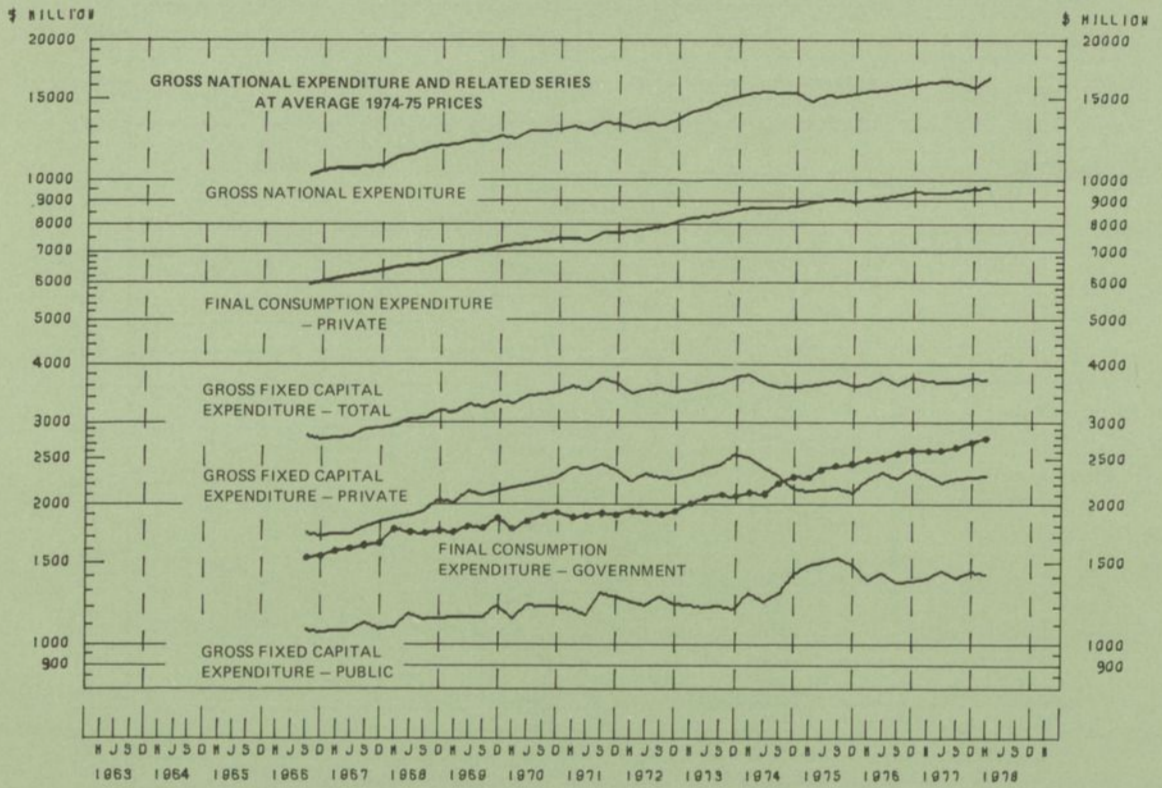
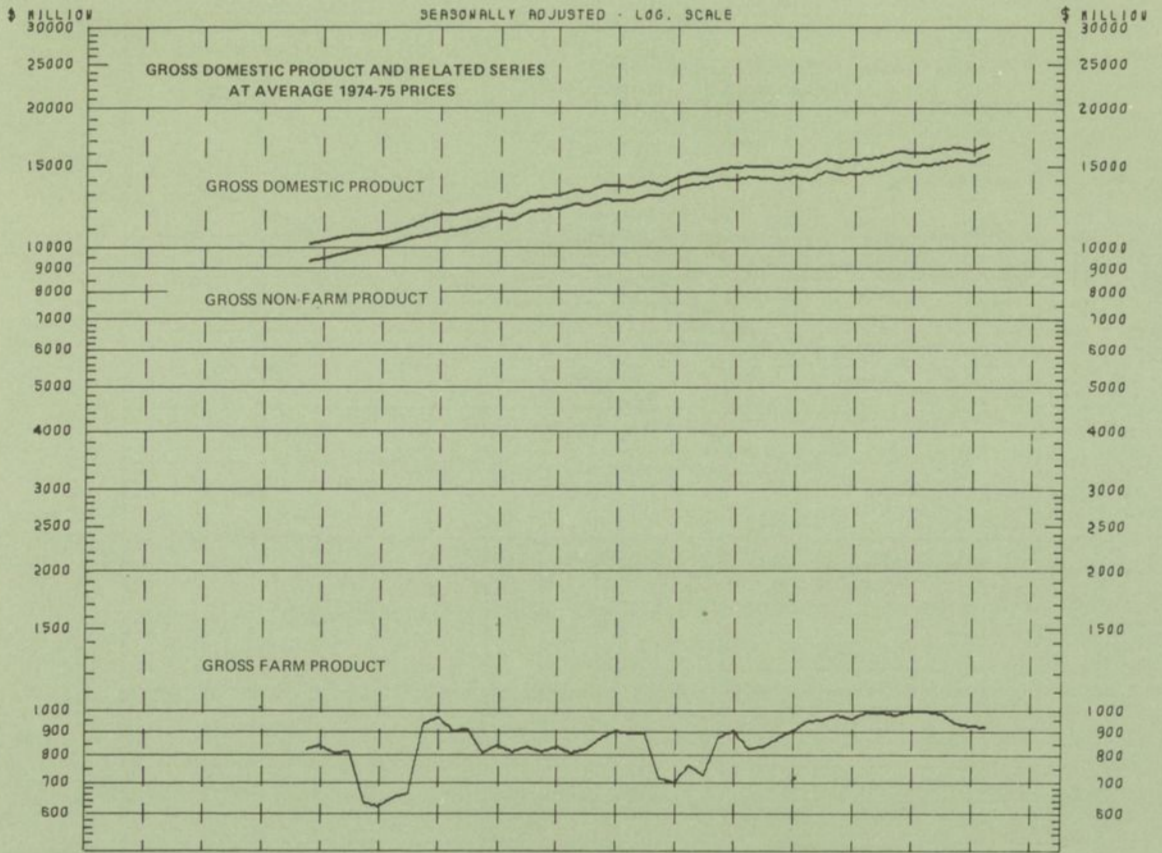


## FINANCE/NATIONAL ACCOUNTS





## NATIONAL ACCOUNTS



TABLES AND GRAPHS

## BLACK COAL PRODUCTION

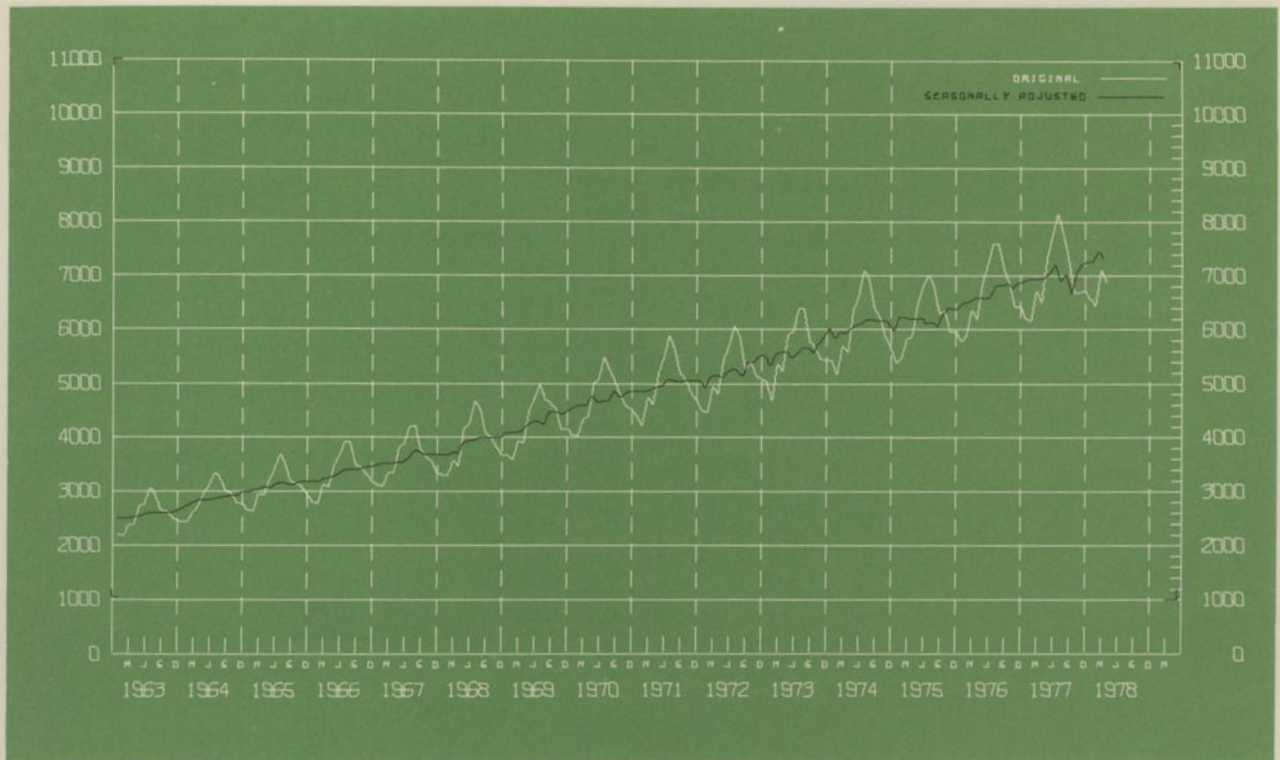
' 000 TONNES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	ORIGINAL											
1963	1386	2008	2050	1573	2327	2072	2592	2245	2173	2588	2422	1821
1964	1574	2357	2199	2355	2450	2512	2766	2273	2308	2611	2573	1864
1965	1870	2398	2960	2133	2713	2886	3037	2800	2714	2931	2977	2525
1966	1528	2816	3308	2141	2895	3094	3114	3170	3088	2936	3246	2530
1967	1732	2969	2688	2785	3527	2989	3201	3186	2997	3217	3436	2536
1968	2013	3426	3373	2811	3849	3301	4137	3453	3615	4009	4029	2811
1969	2572	3687	3685	3042	4078	4219	4838	3607	4417	4684	4061	3258
1970	2974	4194	3786	3855	3910	4914	5273	3567	4793	4731	4560	2998
1971	2985	3692	4189	3583	4824	4525	3726	3443	3529	5099	5202	3925
1972	2726	5077	5518	3888	5800	5615	5301	4991	5014	5908	5954	3854
1973	3315	4604	5396	3961	6105	5329	6189	5335	4845	5987	5869	3652
1974	3224	4634	4485	3409	6180	5532	6595	5227	5934	7026	5864	4860
1975	4738	6393	5175	6360	6627	5343	4833	3744	4602	7487	6744	4979
1976	4342	6441	6731	5876	6592	7095	6859	5165	6629	6793	6919	5505
1977	3715	6724	7149	5497	7206	7517	6954	6630	6901	7085	7533	5329
1978	4721	6704	6101									

[illegible]

## ELECTRICITY PRODUCTION

MILLION KWH

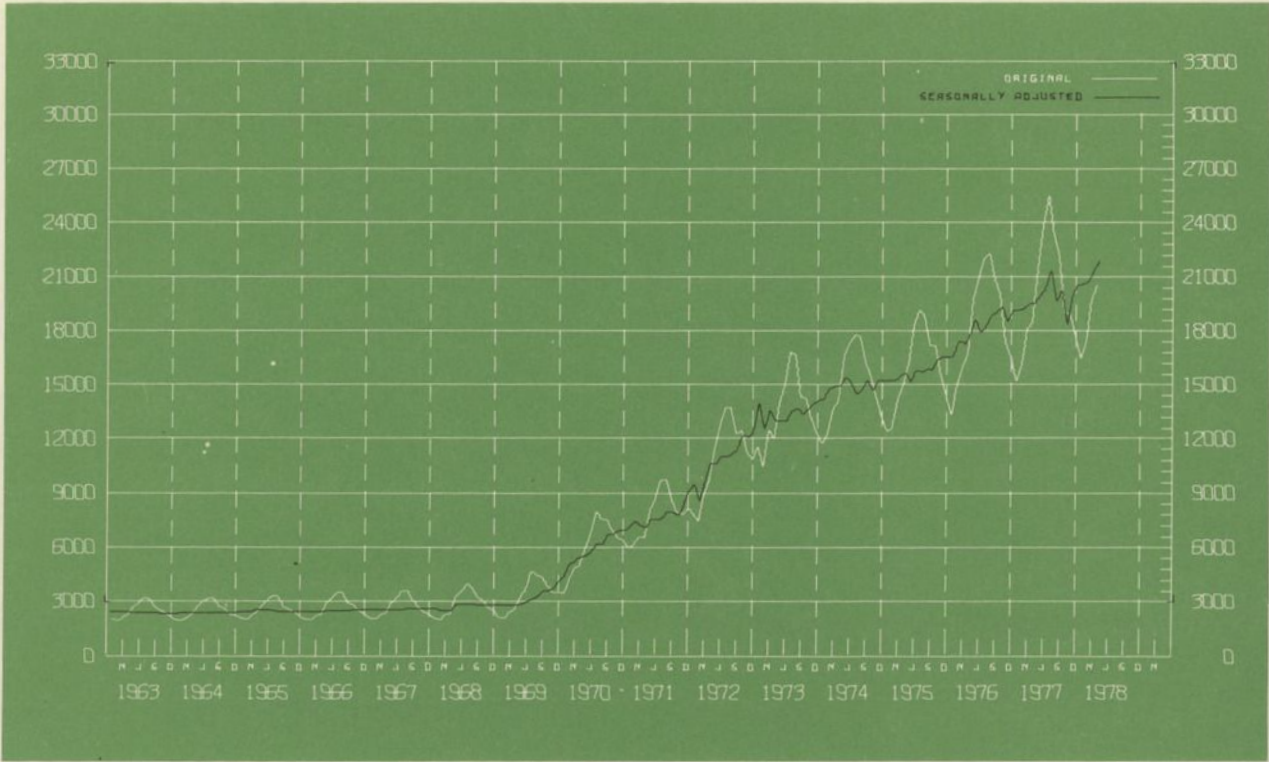


YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1963	2184	2144	2379	2383	2717	2774	3051	2891	2613	2600	2493	2410
1964	2390	2463	2616	2734	2970	3125	3342	3207	2964	2919	2764	2732
1965	2622	2598	2950	2895	3200	3408	3679	3473	3154	3107	3052	2918
1966	2786	2739	3125	3033	3486	3661	3927	3851	3456	3390	3280	3166
1967	3081	3069	3340	3310	3798	3883	4191	4213	3766	3628	3520	3322
1968	3250	3287	3550	3440	4153	4265	4655	4492	4051	3967	3807	3639
1969	3647	3560	3929	3858	4485	4697	4977	4675	4596	4491	4127	4141
1970	4014	3994	4320	4400	5002	5091	5471	5196	4997	4737	4546	4498
1971	4350	4206	4743	4582	5191	5457	5891	5618	5158	5030	4800	4654
1972	4453	4440	4945	4788	5425	5706	6061	5846	5242	5408	5114	5042
1973	5008	4657	5359	5193	5891	5980	6390	6366	5756	5640	5429	5398
1974	5413	5141	5695	5554	6369	6592	7107	6917	6353	6205	5830	5646
1975	5379	5489	5824	5907	6482	6795	7028	6776	6274	6362	5940	5958
1976	5769	5887	6367	6165	6868	7201	7601	7581	7090	6841	6408	6435
1977	6176	6138	6717	6470	7312	7763	8161	7777	7301	6665	6692	6715
1978	6542	6420	7091	6855								

## SEASONALLY ADJUSTED

1963	2454	2458	2482	2526	2522	2573	2606	2576	2583	2593	2609	2638
1964	2678	2737	2778	2847	2805	2839	2857	2873	2907	2922	2904	2973
1965	2951	3015	3026	3086	3016	3102	3160	3099	3090	3141	3179	3165
1966	3162	3144	3229	3248	3281	3330	3399	3391	3381	3415	3432	3455
1967	3487	3523	3520	3516	3536	3531	3612	3737	3691	3640	3687	3656
1968	3630	3642	3718	3665	3884	3945	3947	4000	3978	3952	4005	3973
1969	4082	4084	4099	4128	4228	4303	4253	4205	4461	4457	4407	4457
1970	4512	4578	4596	4608	4768	4618	4670	4661	4858	4730	4809	4867
1971	4870	4867	4866	4910	4940	4967	5077	5026	5006	5066	5035	5014
1972	5018	4895	5146	5158	5089	5193	5274	5206	5097	5404	5391	5510
1973	5543	5307	5547	5599	5572	5462	5557	5658	5667	5558	5732	5869
1974	6018	5848	5950	5927	6016	6103	6114	6196	6185	6150	6183	6110
1975	5953	6237	6202	6183	6171	6226	6100	6134	6041	6283	6390	6359
1976	6418	6517	6520	6598	6584	6552	6638	6820	6841	6866	6761	6887
1977	6907	6956	6924	6950	6989	7059	7210	6909	7038	6668	7085	7232
1978	7288	7271	7455	7300								

GAS PRODUCTION (A)  
AVAILABLE FOR ISSUE THROUGH MAINS  
MILLION MEGAJOULES

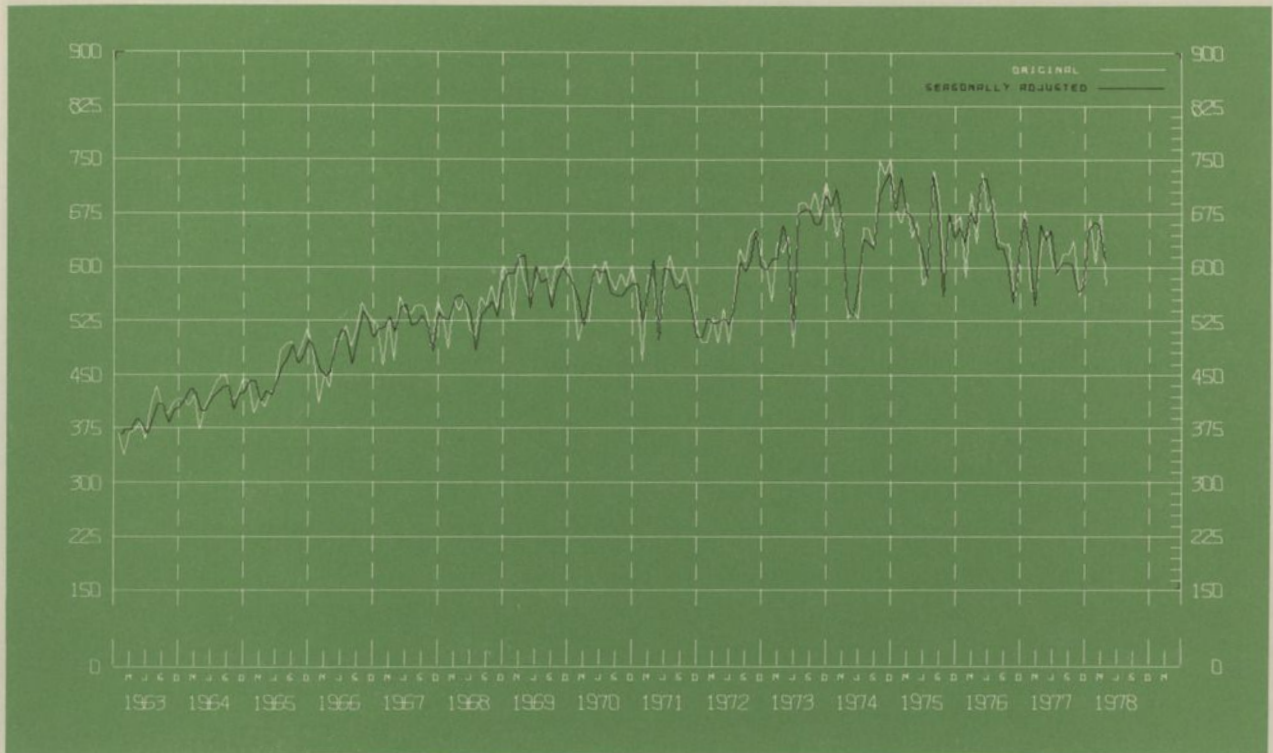


YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1963	1910	1868	2121	2268	2690	2933	3218	3028	2659	2406	2258	2057
1964	1889	1984	2110	2311	2785	3039	3229	3070	2659	2543	2237	2142
1965	1962	1910	2216	2437	2817	3123	3345	3112	2659	2469	2332	2110
1966	1910	1941	2216	2342	2923	3229	3513	3355	2849	2680	2395	2205
1967	1994	1952	2290	2395	2965	3239	3608	3524	3018	2648	2363	2247
1968	1994	1941	2258	2332	3323	3608	3957	3672	3155	2933	2585	2384
1969	2057	2100	2458	2638	3292	3724	4652	4379	4231	3756	3429	3461
1970	3345	4220	4874	5064	5951	6774	7997	7523	7438	6879	6489	6288
1971	5919	6183	6594	6489	8040	8715	9714	9756	8595	7861	7753	8154
1972	7778	7402	8903	9742	11372	12741	13733	13691	12239	12502	11241	10829
1973	11569	10397	12493	11962	13974	14945	16805	16587	14225	14157	13016	12253
1974	11704	12275	13695	14082	16555	17339	17777	17592	16194	15336	14208	13116
1975	12354	12682	14141	14989	16159	18276	19157	18737	17109	17094	15418	14312
1976	13260	14990	15975	16770	19819	20983	22001	22337	20750	19969	17293	16498
1977	15117	16058	18137	18471	21398	23854	25529	23227	22012	18886	18902	17593
1978	16384	17385	19715	20597								
SEASONALLY ADJUSTED												
1963	2440	2457	2477	2472	2392	2462	2462	2450	2505	2348	2473	2445
1964	2441	2542	2454	2520	2508	2511	2454	2484	2453	2519	2475	2530
1965	2580	2540	2575	2674	2552	2550	2531	2473	2453	2456	2571	2512
1966	2546	2600	2577	2593	2635	2652	2630	2626	2604	2684	2641	2652
1967	2665	2623	2685	2676	2671	2676	2673	2733	2727	2629	2637	2731
1968	2678	2520	2670	2595	3018	3015	2852	2869	2814	2892	2924	2911
1969	2794	2815	2913	2914	3015	3118	3324	3432	3705	3718	3913	4251
1970	4587	5191	5414	5615	5685	5956	6313	6270	6847	6845	7073	7020
1971	7262	7565	7235	7155	7682	7592	7757	8095	7986	7817	8372	9263
1972	9586	8653	9738	10713	10656	11165	11140	11279	11497	12315	12130	12529
1973	14097	12619	13706	12991	13009	13075	13668	13822	13442	13761	14043	14301
1974	14323	14871	15031	15016	15493	15152	14502	14812	15276	14782	15355	15228
1975	15365	15306	15547	15783	15195	15919	15708	15934	15864	16511	16690	16561
1976	16711	17496	17287	17805	18747	17915	18358	18948	19131	19432	18525	19186
1977	19256	19322	19595	19638	20049	20454	21430	19623	20313	18384	20122	20617
1978	20700	20906	21455	21951								

(A) FROM JULY 1969 INCLUDES NATURAL GAS.

## RAW STEEL PRODUCTION

'000 TONNES

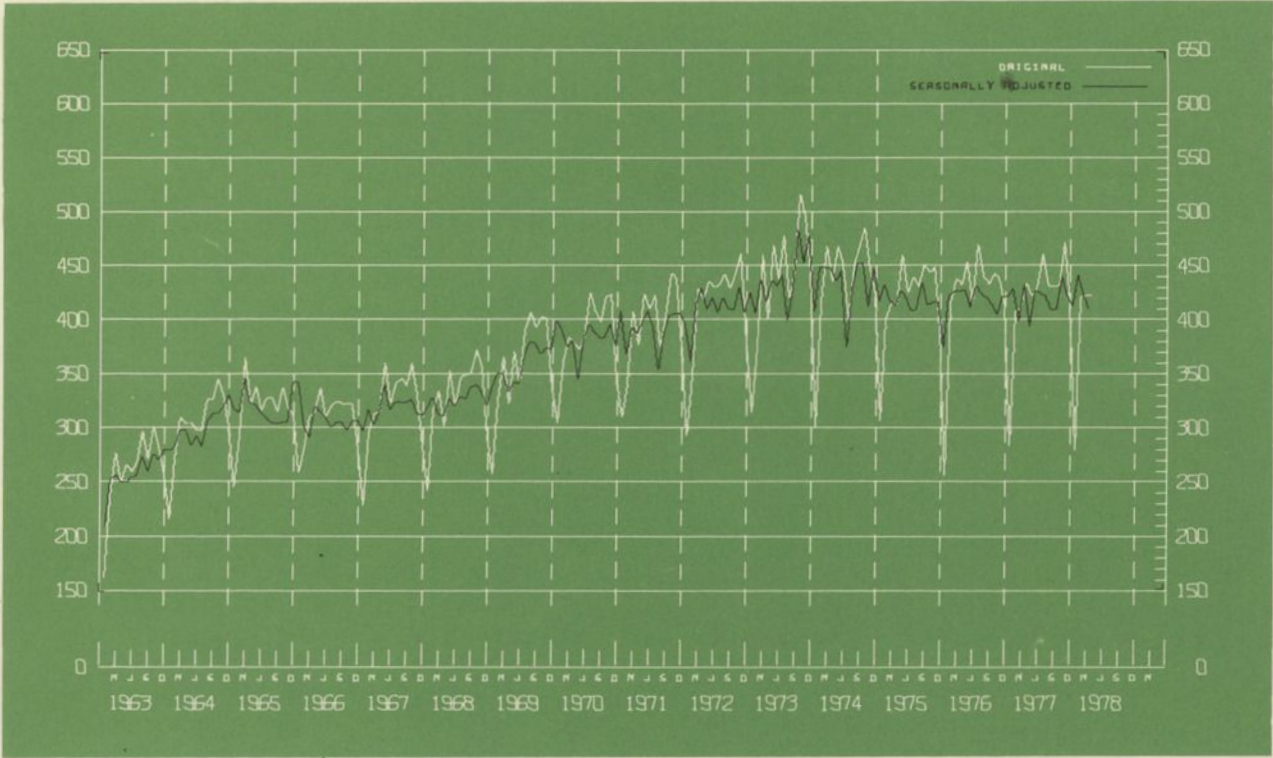


YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1963	366.6	336.3	368.5	374.2	384.3	358.9	407.7	433.3	404.7	392.7	409.7	416.5
1964	414.3	404.3	421.4	372.6	404.7	420.2	438.4	449.1	445.8	413.8	420.5	442.3
1965	438.9	394.5	416.8	402.9	424.5	432.3	484.1	492.7	496.3	471.9	491.2	512.9
1966	482.4	407.9	448.5	431.1	498.8	497.1	517.1	487.7	512.5	550.1	532.5	524.1
1967	515.7	461.0	529.3	467.4	559.8	536.5	531.9	546.5	547.4	536.1	482.8	551.0
1968	532.9	484.1	554.8	537.0	558.0	511.4	502.9	558.6	545.1	574.3	542.2	600.0
1969	588.6	524.4	618.5	580.9	557.2	571.2	597.5	601.7	558.5	600.9	601.0	615.7
1970	578.1	495.9	526.8	522.1	605.1	574.4	609.7	580.7	565.1	590.7	571.5	601.3
1971	567.3	467.9	588.9	579.4	502.6	568.7	616.0	586.2	575.3	599.9	568.2	516.0
1972	493.4	496.8	529.9	491.7	543.2	490.8	554.7	625.7	605.0	645.2	654.7	611.8
1973	600.3	549.8	635.5	617.7	643.5	485.7	689.5	692.0	677.3	704.7	668.6	717.8
1974	689.8	640.4	675.2	528.1	538.0	527.2	655.6	650.6	623.7	748.4	727.4	750.5
1975	678.9	659.5	691.9	639.8	663.8	572.9	592.5	734.8	696.1	589.2	662.9	661.2
1976	672.1	583.7	705.5	631.0	733.3	674.9	695.5	634.1	630.6	635.2	554.1	623.9
1977	679.3	565.6	564.1	637.2	650.8	602.7	587.5	619.2	616.5	637.9	557.4	594.0
1978	668.7	603.3	674.5	573.4								

## SEASONALLY ADJUSTED

1963	365.8	374.3	374.3	388.2	380.7	368.2	389.1	411.5	404.3	382.8	401.6	405.8
1964	416.8	432.6	422.5	399.5	402.1	418.3	425.6	433.4	436.5	400.6	422.7	427.8
1965	442.3	441.6	413.0	427.8	419.8	439.4	462.6	472.2	491.9	465.4	477.7	499.2
1966	483.6	457.8	446.4	456.3	489.8	513.5	503.9	463.7	501.4	539.0	525.6	501.2
1967	513.8	517.8	530.5	508.1	543.7	548.9	517.6	523.3	532.7	519.1	482.1	537.1
1968	526.7	525.7	556.4	563.0	550.9	534.8	482.5	532.3	543.7	551.5	530.2	578.7
1969	593.1	589.8	615.2	617.3	540.9	601.8	577.8	585.5	541.5	578.7	600.2	587.9
1970	575.7	556.7	518.1	559.5	599.1	590.6	596.3	564.7	557.8	557.4	570.2	577.6
1971	577.4	523.8	570.3	611.0	496.0	599.3	593.4	568.8	576.4	574.3	548.6	501.2
1972	500.3	527.7	519.9	525.3	527.7	519.5	545.2	607.7	593.2	610.3	653.1	597.6
1973	595.6	611.6	612.7	658.5	628.7	511.8	675.1	681.6	679.6	658.1	661.6	701.2
1974	684.4	708.8	662.9	543.0	531.2	569.9	638.9	632.2	624.6	701.1	718.9	731.4
1975	676.6	726.7	675.9	667.1	645.1	621.4	583.5	729.0	672.8	556.5	674.5	639.1
1976	655.9	632.6	677.3	656.7	723.9	720.3	682.8	624.6	627.0	601.7	548.7	612.4
1977	669.3	621.6	544.5	659.6	637.0	650.7	589.5	606.5	604.1	601.5	563.6	573.7
1978	650.4	662.9	657.1	608.0								

CEMENT PRODUCTION  
'000 TONNES

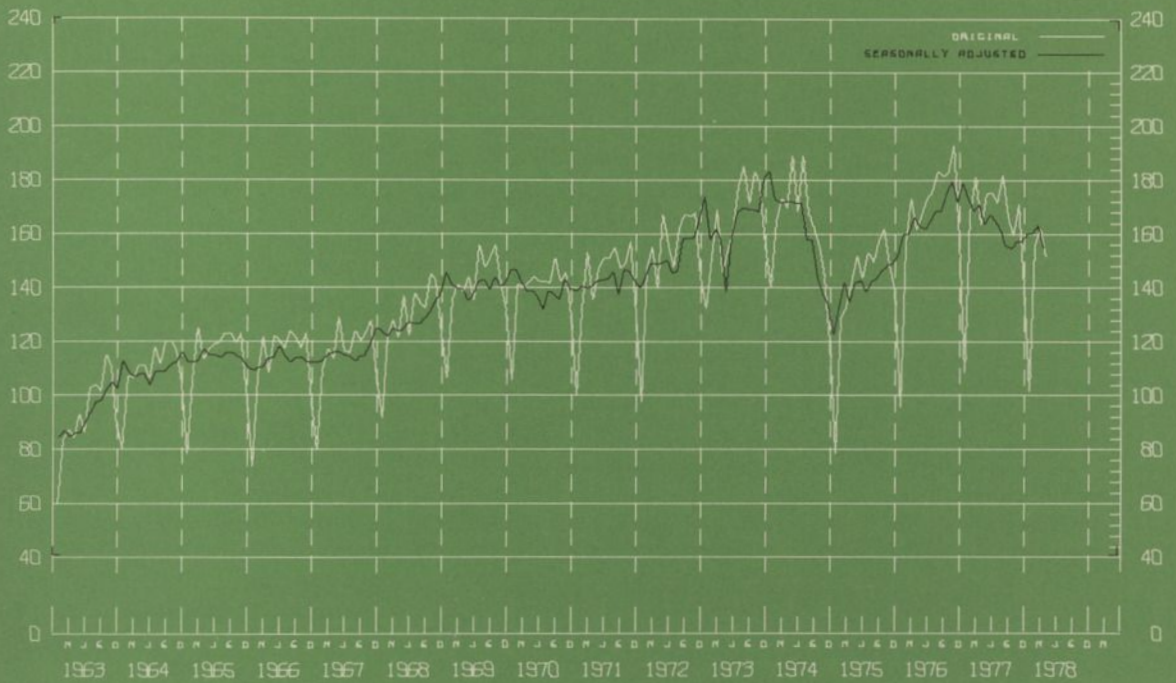


YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1963	161	236	277	249	266	259	268	297	270	301	281	256
1964	215	272	310	303	304	297	298	326	325	345	330	300
1965	244	293	365	321	338	315	328	327	314	338	318	311
1966	258	281	310	315	337	309	320	325	321	323	320	279
1967	227	296	313	316	360	322	341	346	338	360	329	282
1968	241	317	334	301	353	319	346	350	351	372	355	290
1969	257	325	366	321	371	340	391	407	392	403	399	334
1970	304	361	384	377	372	385	425	407	397	422	424	342
1971	309	341	408	376	424	409	423	374	402	443	437	373
1972	292	349	429	418	435	429	433	442	428	443	461	377
1973	313	375	460	400	469	436	478	419	445	516	494	442
1974	300	416	468	434	468	450	399	450	467	485	446	422
1975	305	401	415	413	460	424	439	429	450	443	449	389
1976	255	416	438	431	454	414	470	439	432	443	436	411
1977	282	409	410	434	421	429	461	430	430	432	472	413
1978	278	421	423	421								

SEASONALLY ADJUSTED												
1963	210	255	259	251	251	257	259	276	261	278	272	282
1964	281	285	300	300	285	295	284	308	315	316	321	333
1965	318	315	348	323	322	315	310	305	305	308	307	345
1966	342	302	292	322	316	311	302	307	306	299	308	308
1967	298	319	304	316	342	318	326	324	325	329	315	312
1968	321	330	314	311	329	321	330	327	340	342	334	321
1969	339	352	351	334	344	341	368	381	379	370	376	373
1970	401	391	376	383	345	385	397	389	384	386	398	377
1971	410	369	394	388	399	410	393	354	390	406	408	407
1972	396	362	416	431	410	422	407	422	411	409	432	407
1973	427	406	439	417	438	432	443	400	431	485	453	480
1974	408	451	448	448	436	447	375	430	454	454	412	449
1975	417	434	418	413	428	421	408	412	436	414	418	416
1976	374	423	428	428	429	411	433	424	420	414	405	423
1977	422	430	399	434	394	428	424	421	409	411	441	422
1978	412	442	424	410								

## CLAY BRICK PRODUCTION

MILLION

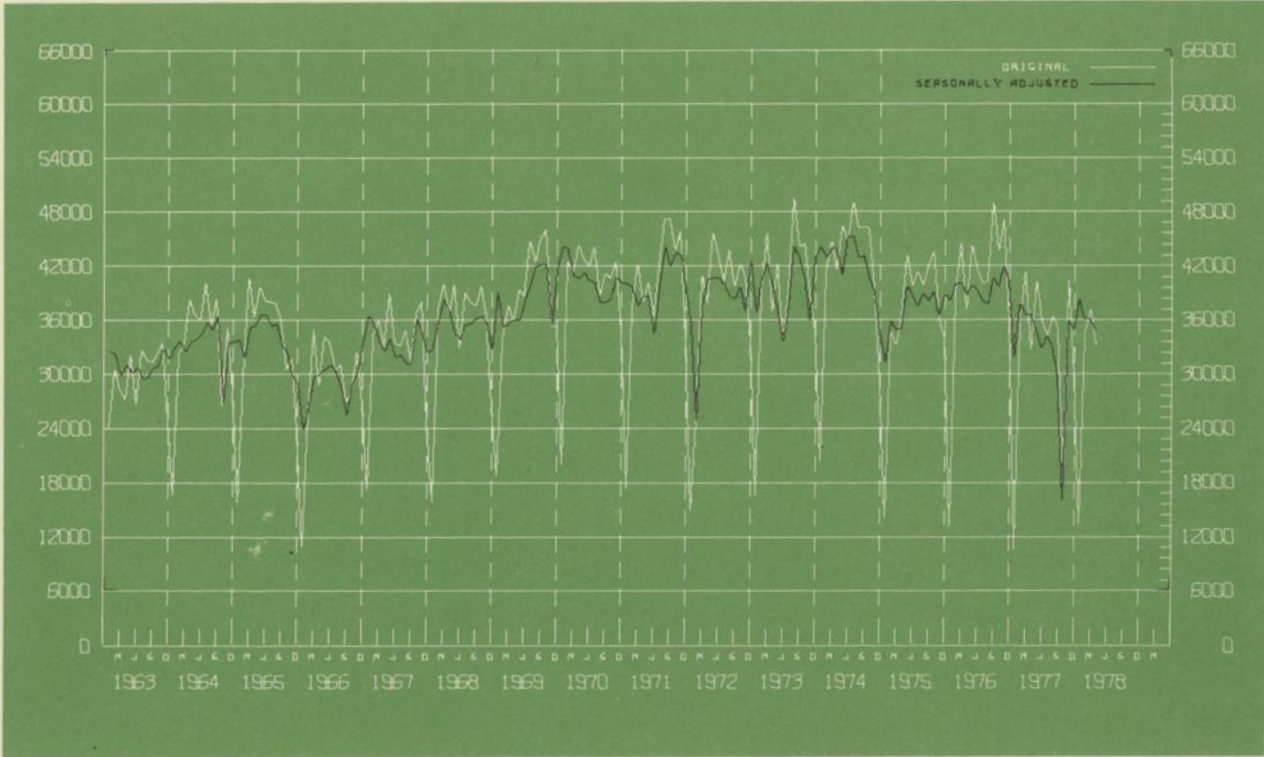


YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1963	60	84	87	84	93	86	103	104	101	115	110	88
1964	80	107	106	111	111	106	118	111	120	120	116	104
1965	78	106	125	113	117	119	120	123	123	119	123	98
1966	73	107	122	108	122	120	117	124	121	117	123	97
1967	79	110	117	113	129	116	115	124	120	123	128	106
1968	91	122	128	121	137	122	138	134	132	145	142	122
1969	106	136	141	138	144	135	156	147	151	156	141	131
1970	105	141	140	142	144	142	142	141	151	142	146	129
1971	100	132	153	135	147	151	151	155	147	149	157	130
1972	97	147	155	139	167	155	147	162	167	166	168	143
1973	132	151	169	145	154	162	178	185	171	183	178	155
1974	140	165	173	169	189	168	189	167	162	155	143	119
1975	78	129	133	142	152	143	153	149	157	162	148	139
1976	95	156	173	161	167	173	176	183	181	183	193	157
1977	108	168	181	163	175	175	171	182	166	159	171	140
1978	101	156	162	151								

## SEASONALLY ADJUSTED

1963	83	86	84	86	85	90	93	97	98	102	104	102
1964	112	108	106	108	107	103	108	108	109	111	112	115
1965	111	111	113	117	114	114	113	115	115	114	113	110
1966	108	110	110	114	114	118	114	112	113	114	112	111
1967	112	113	115	116	116	114	114	112	114	115	119	124
1968	123	121	125	123	125	127	126	126	129	131	135	138
1969	145	141	139	139	134	137	142	143	139	144	140	142
1970	146	146	141	138	138	136	131	138	137	135	143	139
1971	138	140	139	140	142	143	143	146	137	146	145	142
1972	139	144	149	148	149	150	145	146	158	158	158	165
1973	174	157	162	157	138	159	168	170	169	169	168	181
1974	183	172	171	172	172	171	171	157	157	143	137	133
1975	122	132	142	134	142	143	138	142	144	146	148	149
1976	152	160	160	166	162	161	165	168	168	175	180	171
1977	179	173	168	171	163	167	164	161	155	154	157	157
1978	160	160	163	154								

MOTOR VEHICLE PRODUCTION  
NUMBER

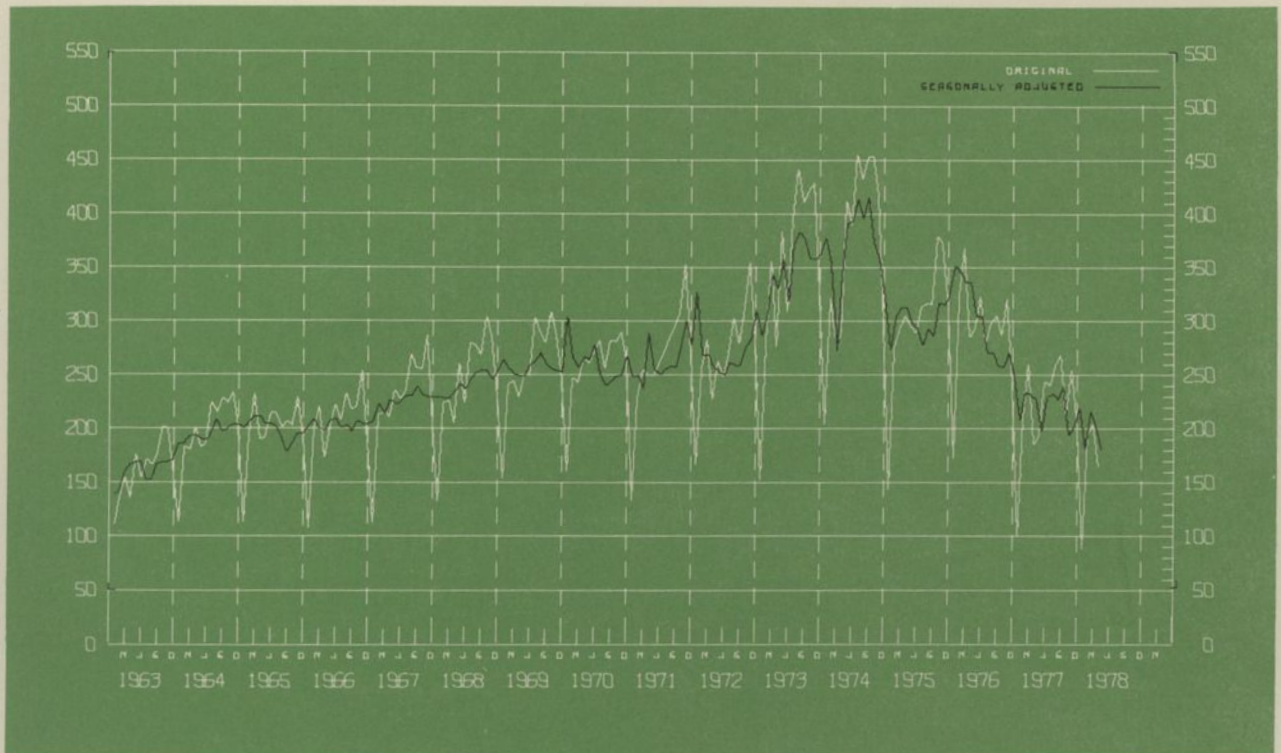


YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1963	23986	30483	28220	27073	32176	26649	32581	31465	31192	32299	33576	24756
1964	16437	32341	33371	38253	36442	35864	40144	35380	38343	26341	35208	28002
1965	15570	29840	40693	36371	39691	38162	37820	37653	35908	30520	31763	23670
1966	10790	25771	34887	28670	34186	33341	30494	31113	26896	28116	32546	26510
1967	17068	34495	35999	32826	39059	33409	32986	34891	31148	36892	38180	24391
1968	15670	37296	40022	36685	40015	32781	39036	37926	37383	39881	36092	26322
1969	18616	34002	37664	35788	39377	38538	44741	42351	45121	46044	35228	34993
1970	19834	42422	41189	44299	42661	41935	44213	38697	41166	40414	42422	34547
1971	17102	37529	42277	37942	40151	36063	42007	47230	47217	43665	45911	33592
1972	14776	25057	40877	37840	45689	43056	40206	43811	39641	42270	40572	33453
1973	16399	39446	45669	36831	42378	33319	39501	49512	43990	44485	38730	34567
1974	20110	41480	44796	41393	46401	44620	49051	46104	46345	45788	39274	28948
1975	13872	34656	33103	36303	43243	39717	41432	39660	42060	43622	35901	33877
1976	12991	39067	44648	36955	44294	41657	40002	40403	49032	43551	47173	35684
1977	10402	36315	41397	32490	40337	35747	34243	36390	34927	17515	40490	29391
1978	13140	34681	37240	33020								

SEASONALLY ADJUSTED												
1963	32308	31974	29660	30901	30031	30738	29325	29646	30569	30905	32797	31483
1964	32904	33609	32242	33429	33866	34441	35684	34703	36309	26884	33475	33606
1965	33725	31553	35191	35410	36547	36437	35174	35471	33053	32106	29449	28654
1966	23650	26545	29596	30012	30421	30992	29977	28350	25172	28893	29948	33401
1967	36338	35429	33696	32256	33836	31645	32035	30959	31124	36015	34269	32103
1968	32776	35755	38213	36836	34467	33650	35425	35549	36132	36388	35368	32510
1969	39053	34989	35528	35952	35736	37917	39688	41852	42070	42159	35110	41537
1970	40403	43543	40646	40276	41107	40131	39880	37644	37746	38338	40574	39826
1971	39752	39301	37472	38574	38350	34212	39745	44084	41804	43360	42782	38988
1972	35060	24634	37482	40339	40640	40473	39682	38499	38081	39601	36691	42468
1973	36564	40541	42248	39560	36780	33380	37503	44019	42698	40305	35754	42905
1974	44023	42745	43876	43524	40742	45246	45087	42759	43099	40413	38877	34325
1975	30927	35789	34695	35019	39655	38585	37145	38810	37954	38951	36207	38711
1976	37951	39844	40122	38669	39719	39103	37899	37493	40548	39520	41907	40197
1977	31535	37574	36339	36501	34663	32682	34120	32706	29480	15710	35738	34596
1978	38191	35888	35913	34672								

## PRODUCTION OF ELECTRIC MOTORS UNDER 720 W

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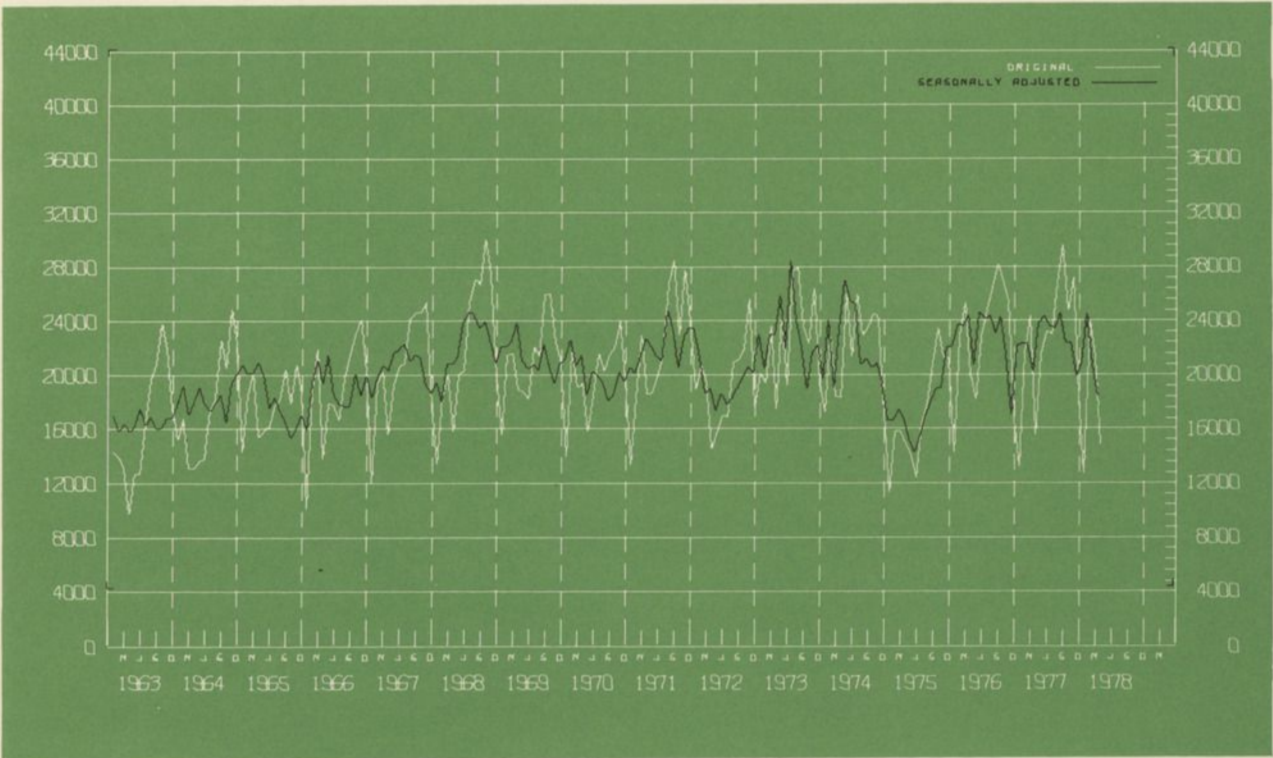


YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1963	109.5	135.8	154.9	133.8	176.3	152.7	170.7	164.8	176.9	202.1	197.9	154.8
1964	112.3	182.8	179.3	201.2	182.4	186.6	224.8	213.9	227.6	222.6	234.4	199.6
1965	111.6	195.9	232.6	189.3	192.7	215.1	213.3	201.3	207.3	202.4	228.7	191.7
1966	106.5	200.8	220.6	171.5	202.7	222.4	206.7	233.2	216.5	221.5	253.6	185.8
1967	111.3	213.4	216.1	209.5	235.7	227.1	235.3	269.0	254.9	254.0	287.2	202.4
1968	130.8	223.8	227.4	203.8	261.4	223.1	280.1	276.1	267.5	304.4	284.7	228.2
1969	152.2	240.7	245.2	227.6	251.3	247.9	303.4	287.6	279.4	309.4	284.8	244.7
1970	159.4	247.1	241.9	264.8	259.8	272.0	281.9	255.1	281.5	279.6	290.2	263.2
1971	131.9	228.6	254.6	248.0	250.1	259.7	270.6	284.2	295.4	307.8	352.5	268.2
1972	164.6	257.3	282.6	226.1	262.6	247.0	270.3	303.3	277.7	313.4	354.6	279.9
1973	151.0	281.1	356.4	275.1	384.3	308.0	394.5	442.4	409.9	421.5	429.1	325.4
1974	202.9	321.1	280.4	287.4	412.4	387.8	454.6	430.5	453.4	453.6	415.8	295.3
1975	142.0	276.3	293.3	305.1	294.2	287.5	312.6	316.5	314.3	378.8	371.1	310.1
1976	170.6	322.6	368.0	284.0	293.2	323.1	279.7	297.5	304.6	286.2	321.2	238.8
1977	97.6	211.3	260.3	184.8	195.1	244.0	239.1	257.6	269.2	212.5	255.3	198.9
1978	86.8	194.6	204.6	162.7								

## SEASONALLY ADJUSTED

1963	138.8	144.2	161.0	167.8	170.2	170.6	152.4	154.1	168.6	169.6	170.0	172.9
1964	187.3	187.3	193.5	195.1	189.9	189.4	196.3	208.9	196.9	200.7	205.4	203.7
1965	199.7	206.8	212.4	212.4	203.5	203.6	200.7	191.3	178.4	187.1	195.5	195.5
1966	203.0	209.3	198.8	198.0	207.7	210.0	199.6	203.9	196.5	207.6	202.6	204.8
1967	208.4	223.3	212.7	227.3	222.5	226.3	230.7	230.4	238.7	231.3	228.3	228.6
1968	228.7	226.8	227.6	234.9	241.5	236.1	246.9	253.3	255.1	251.5	245.0	254.3
1969	263.5	254.8	249.6	247.5	250.2	259.2	262.8	270.5	258.6	254.3	252.1	251.1
1970	303.8	263.7	256.1	265.7	261.8	278.0	249.7	238.7	244.3	248.8	249.6	266.5
1971	246.8	250.0	236.5	289.0	254.4	249.0	254.8	258.3	254.6	275.8	300.1	276.6
1972	327.1	267.2	269.4	256.3	251.1	247.9	260.6	256.7	259.1	275.5	281.5	308.5
1973	285.1	306.2	343.0	329.1	357.1	317.2	371.7	381.6	375.8	355.9	357.2	361.7
1974	377.2	351.6	271.3	342.5	391.4	392.5	413.1	393.6	414.9	371.0	356.0	319.5
1975	272.4	303.9	311.8	311.9	296.4	291.1	276.3	292.2	284.3	315.6	313.2	322.8
1976	349.9	343.5	334.1	335.1	302.2	304.1	267.8	269.8	256.5	255.4	270.2	246.0
1977	205.6	233.1	228.9	224.5	196.2	228.0	232.0	224.9	237.8	191.5	201.7	217.7
1978	178.9	214.7	200.2	177.6								

DOMESTIC REFRIGERATOR PRODUCTION  
NUMBER



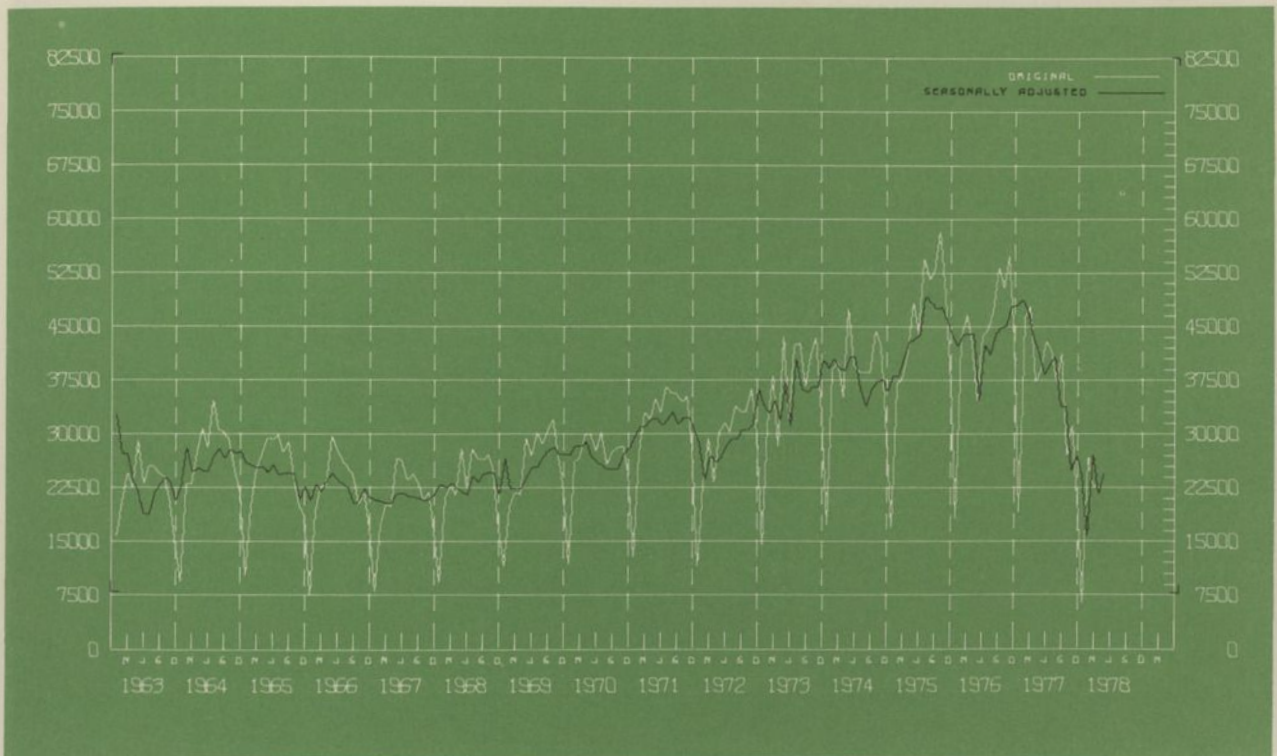
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												

1963	14240	13837	13060	9711	12829	12714	16500	19751	20907	23842	21803	17434
1964	15172	16810	13026	13150	13697	13889	17515	18325	22672	20455	24923	22247
1965	14245	18649	20234	15361	15919	16221	17812	18232	20471	17873	20825	18614
1966	10090	19077	21968	13722	17918	17640	16566	19858	21602	23096	24120	20234
1967	11924	19401	20324	15522	19361	20678	20969	24277	24679	24708	25382	17561
1968	13394	18525	20062	15748	20045	20425	25530	27137	26619	30054	27366	19791
1969	15537	21486	21712	18902	18669	18142	22084	21355	26025	26035	22306	20856
1970	13918	21836	19039	19449	15732	18523	21569	20275	21528	22046	24020	19636
1971	13278	18431	22953	18480	18828	19990	21631	26807	28555	22914	27822	23839
1972	18884	20693	19369	14484	15795	17057	16828	20991	21176	21979	25672	17594
1973	20166	19281	23679	17364	24457	19093	27779	28008	23401	22245	26462	19317
1974	17224	22872	18351	18250	26103	21251	26030	22867	23494	24541	24068	17040
1975	11228	15865	15744	14808	14009	12322	16473	17942	20908	23470	21260	21055
1976	14132	22977	25378	19893	18104	22898	24809	26450	28159	26909	25367	16586
1977	13088	21717	24408	15479	21599	23200	22905	26800	29590	24607	27204	18258
1978	12565	23965	21202	14742								

SEASONALLY ADJUSTED

1963	16754	15607	16245	15562	16085	17333	16113	16709	15799	15988	16615	16710
1964	17694	19007	16827	17833	18939	17612	17152	17763	18368	16204	19254	19894
1965	20549	19834	20035	20839	19749	17328	18166	17067	16271	15153	15890	16869
1966	15647	19280	20964	19136	21311	18278	17623	17393	17592	19952	18247	19757
1967	18112	19614	20497	20052	21422	21762	22179	20781	21269	20954	18993	18415
1968	19250	17774	20658	20527	21233	23704	24462	24163	23209	23723	22290	20585
1969	21900	21906	22293	23659	20686	20278	20550	20088	22097	20403	19131	20636
1970	21060	22372	20373	21299	18249	20091	19653	19132	17856	18377	20015	19242
1971	20331	19864	21164	22474	21856	21103	20755	24530	23124	20258	22610	23244
1972	23086	21000	18378	18796	17061	18361	17578	18060	18814	19572	20401	19820
1973	22808	20124	22836	22749	25712	21651	28228	23714	21740	18663	21488	22036
1974	19352	23834	18692	23213	26826	25208	24886	20467	20996	20223	20659	19012
1975	16308	16281	17183	16443	14896	13893	15201	16726	17829	18778	18870	21855
1976	21942	23539	23283	24266	20363	24410	23861	24187	22760	24047	21177	16753
1977	21935	22124	21893	19956	23604	24067	23272	23087	24326	22092	22181	19582
1978	20628	24347	20313	18082								

TELEVISION SET PRODUCTION  
NUMBER

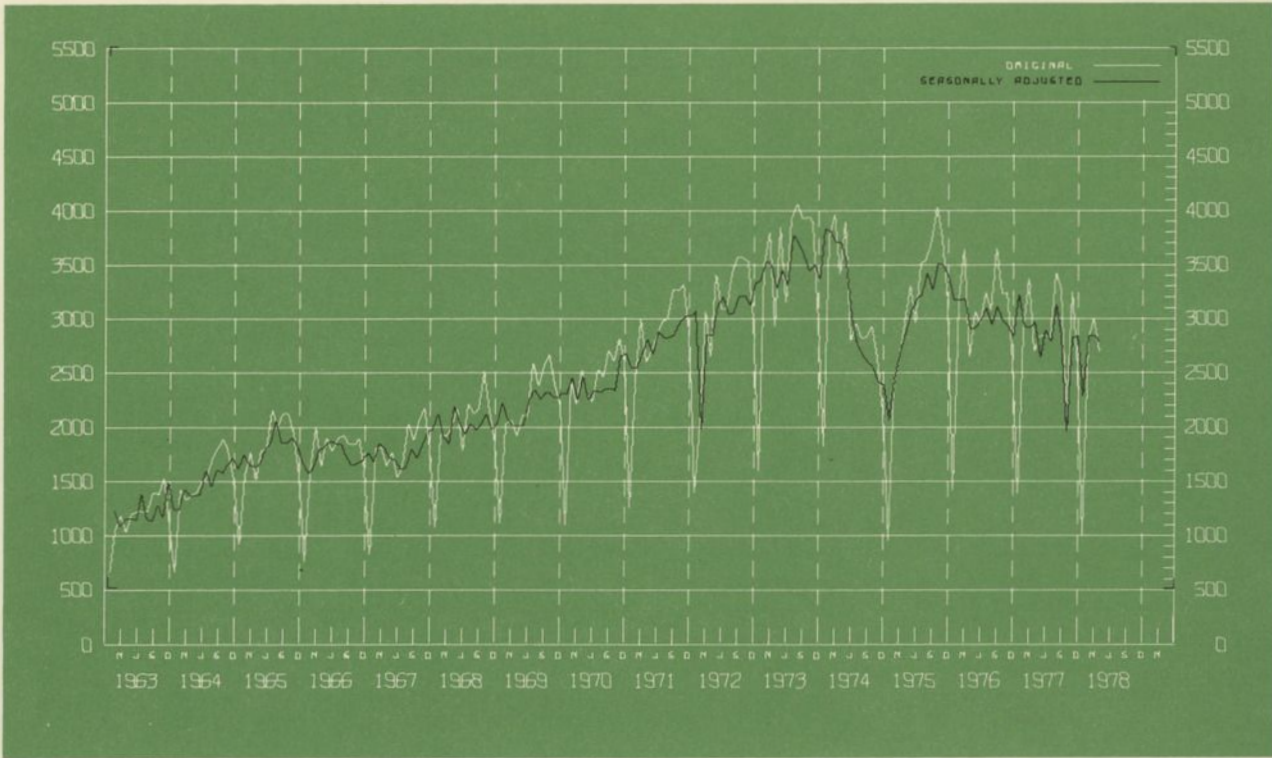


YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1963	15714	20653	24652	22361	29148	22924	25620	25135	24275	23640	20159	13983
1964	9153	23043	23170	27410	30725	27925	34639	30414	29999	28896	24797	21609
1965	10088	19917	25132	27094	29454	29060	29886	27237	28924	23783	19850	18275
1966	7453	19384	22790	22986	29739	27614	26057	25106	23934	20100	21854	16583
1967	7795	17453	20117	19656	26587	26066	23342	24390	23040	20690	21905	16184
1968	9164	21273	22696	21288	28006	22294	27862	26428	26189	27176	24658	16497
1969	11455	20024	21974	21273	29422	26790	30189	28439	30449	32137	26742	21921
1970	11490	26082	26923	29962	29843	27563	30337	25700	27449	28273	28286	24469
1971	12581	27451	32995	31756	34879	32841	36548	35527	35398	34328	35314	27700
1972	11298	23024	29471	23152	30357	31499	30082	33939	32851	33146	36357	29897
1973	14214	31376	38289	28056	43691	31765	42357	42803	36376	41142	43517	32355
1974	17161	39083	40034	34995	47623	39385	38356	38603	38549	44370	42223	29434
1975	16847	36978	37939	41542	48459	43763	54417	51495	52790	58321	49006	36828
1976	18069	43425	46687	42530	34508	43730	44652	47158	53245	50226	54884	42734
1977	18917	46486	47882	37260	38925	42833	41597	37162	41261	26786	31149	20781
1978	6203	26816	22525	22432								

SEASONALLY ADJUSTED

1963	32083	26650	26694	23069	21449	18261	18380	21383	22585	23549	22852	20232
1964	22150	27688	24342	24953	24264	24470	26587	27636	26148	27466	26885	27310
1965	25473	24998	24730	25136	24217	25353	23833	24275	24329	23952	20430	22325
1966	20178	22712	21468	23243	24128	23045	22490	21913	19813	20454	22053	20629
1967	20187	20085	19802	19965	21249	21459	20821	20639	20595	20265	20718	21284
1968	22650	22103	22811	22048	21409	21048	23789	22807	24134	24407	24011	21168
1969	26178	21975	22247	22243	23681	25171	25033	26526	27463	27946	26741	26691
1970	26628	28115	27919	28606	26334	25614	25164	24543	24900	24909	27021	27883
1971	29470	30792	30867	31978	31999	30871	31733	32906	31016	32126	32159	30500
1972	28386	23314	26706	25785	26521	28181	29124	29089	30489	30453	31236	36054
1973	33645	32571	34462	31543	37079	30776	40248	35999	35392	36306	36207	39989
1974	38868	40243	38735	38329	40455	40355	35687	33395	35992	37080	37454	35501
1975	37773	37660	40254	42674	43104	43597	48919	48019	47054	47563	45376	43545
1976	41865	43717	43768	43656	34311	42174	40637	43807	44747	45008	47663	47805
1977	48581	46826	42992	41022	37889	39649	40663	33559	33789	24530	26867	24016
1978	15501	26972	21234	24437								

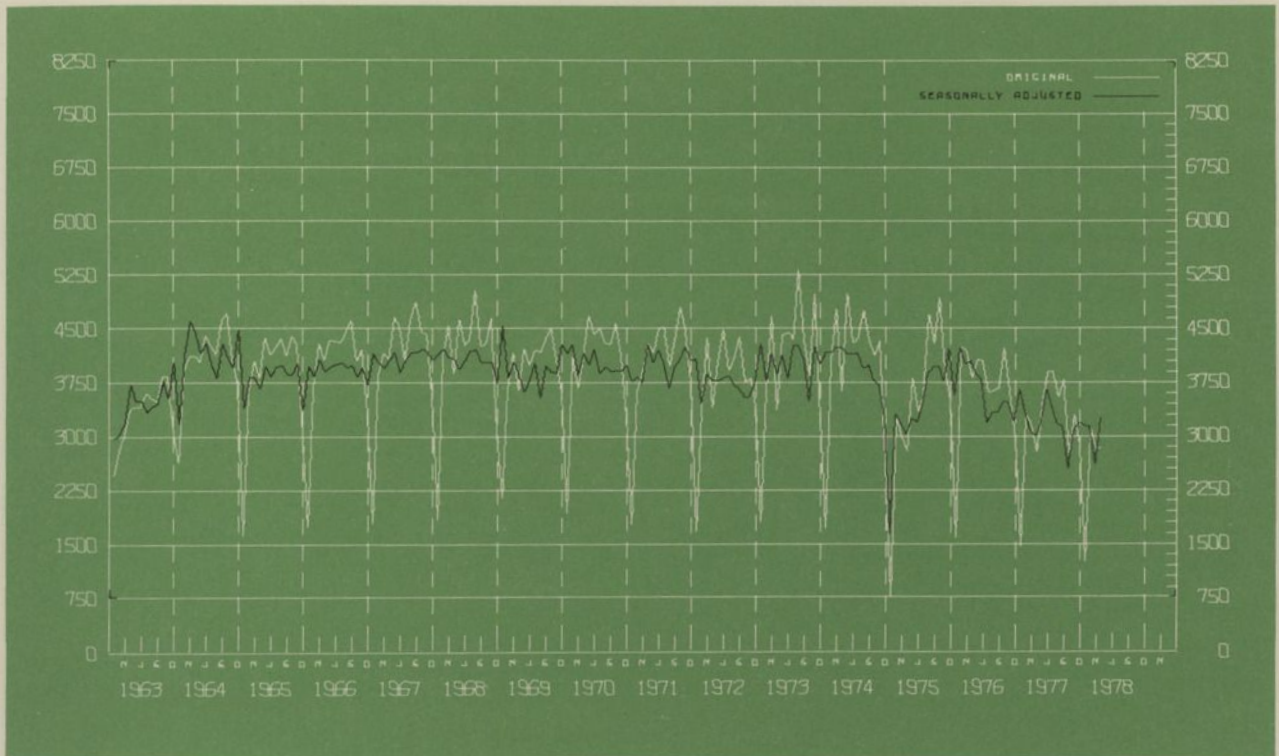
FLOOR COVERING PRODUCTION  
(EXCLUDING UNDERFELTS AND UNDERLAYS)  
'000 SQ. METRES



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1963	645	1052	1186	1021	1201	1232	1207	1234	1400	1363	1532	1079
1964	647	1432	1317	1381	1399	1486	1552	1716	1813	1887	1748	1503
1965	911	1566	1769	1500	1789	1805	2161	2002	2131	2110	1934	1544
1966	748	1602	1999	1634	1904	1773	1890	1926	1828	1827	1885	1594
1967	807	1810	1810	1634	1774	1517	1656	2033	1866	2055	2178	1779
1968	1062	1932	1901	2005	2171	1771	2213	2118	2170	2508	2130	1844
1969	1098	2031	2067	1905	2105	2079	2589	2374	2571	2667	2376	2193
1970	1084	2430	2197	2530	2292	2221	2525	2453	2711	2599	2816	2580
1971	1237	2436	2988	2593	2712	2840	2973	3008	3272	3252	3317	2865
1972	1381	2034	3069	2637	3414	3075	3095	3426	3565	3552	3506	2983
1973	1584	3507	3801	2923	3847	3135	3928	4055	3921	3937	3879	2950
1974	1805	3770	3965	3403	3896	2787	2963	2809	2839	2931	2622	2122
1975	939	2414	2629	2955	3313	2954	3507	3546	3720	4031	3724	3142
1976	1396	3183	3638	2642	3073	2942	3235	3071	3650	3222	3243	2593
1977	1366	2901	3366	2687	2840	2830	2808	3419	3246	2081	3254	2524
1978	977	2816	3000	2676								
SEASONALLY ADJUSTED												
1963	1192	1052	1127	1117	1101	1359	1112	1091	1262	1129	1460	1204
1964	1224	1400	1333	1355	1364	1576	1424	1580	1535	1635	1686	1579
1965	1722	1625	1587	1637	1769	1840	2036	1820	1828	1876	1788	1634
1966	1539	1610	1773	1798	1846	1812	1818	1691	1614	1647	1667	1736
1967	1643	1817	1765	1680	1648	1576	1608	1773	1683	1813	1928	1974
1968	2099	1869	1808	2167	2014	1898	2007	1939	2006	2100	1952	2011
1969	2202	2038	1980	1992	2003	2231	2318	2231	2298	2271	2226	2287
1970	2269	2435	2218	2447	2218	2311	2292	2333	2339	2295	2636	2657
1971	2513	2525	2660	2789	2636	2858	2794	2810	2836	2946	3000	2998
1972	3055	1940	2831	2811	3097	3184	3014	3044	3187	3188	3088	3315
1973	3336	3511	3463	3255	3427	3283	3749	3667	3556	3406	3483	3329
1974	3812	3775	3673	3666	3491	2977	2727	2628	2564	2508	2378	2352
1975	2033	2421	2648	2839	3040	3161	3197	3399	3233	3490	3449	3364
1976	3144	3146	3156	2865	2900	2955	3085	2906	3087	2947	2902	2797
1977	3202	2907	2875	2947	2613	2873	2745	3110	2804	1922	2807	2821
1978	2255	2822	2805	2748								

PRODUCTION OF COTTON WOVEN CLOTH  
(EXCLUDING TOWELS AND TOWELLING)

'000 SQ. METRES

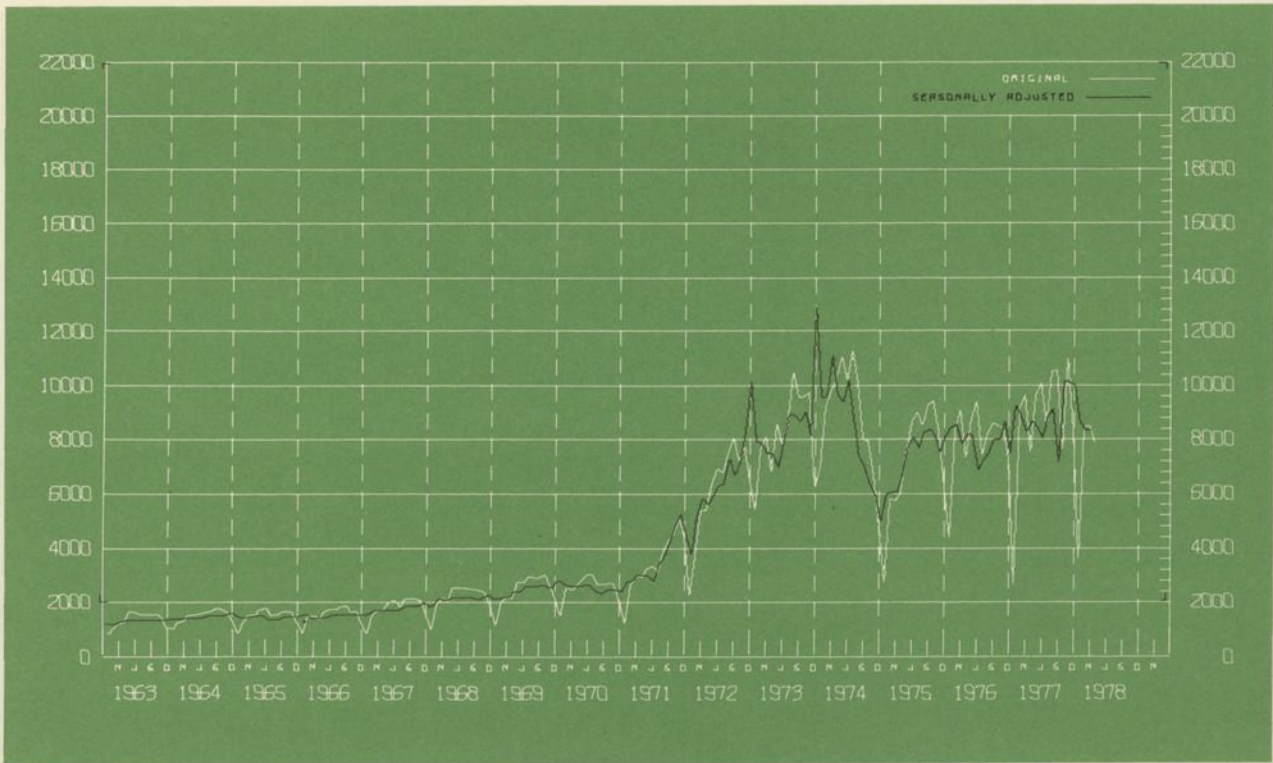


YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1963	2439	2802	3027	3365	3419	3425	3601	3509	3461	3833	3821	3023
1964	2607	3918	4116	4110	4024	4413	4246	4132	4621	4727	4056	3689
1965	1605	3645	4043	3802	4384	4129	4251	4364	4108	4389	4263	2980
1966	1703	3683	4290	4056	4339	4309	4285	4453	4625	4041	4217	3283
1967	1772	3870	4154	4046	4671	4494	4042	4628	4878	4460	4388	3551
1968	1817	4127	4544	3855	4642	4265	4358	5046	4246	4309	4650	3033
1969	2121	3666	4177	3620	4209	3980	4198	4161	4355	4516	4031	3581
1970	1907	4116	3661	4104	4679	4412	4509	4285	4253	4577	4098	3253
1971	1757	3640	3921	4283	4162	4499	4526	3963	4348	4804	4444	3729
1972	1649	3376	4373	3382	4047	4481	3894	4091	4385	3751	3812	3399
1973	1781	3658	4682	3352	4408	4451	4332	5320	4325	3828	4996	3196
1974	1696	4066	4780	3606	5001	4284	4373	4759	4316	4114	4331	2601
1975	744	3239	2964	2775	3816	3331	3572	4694	4276	4940	3878	3474
1976	1565	4235	4163	3788	4059	4018	3605	3645	3679	4233	3596	2933
1977	1441	3290	3130	2754	3414	3889	3882	3524	3779	2742	3297	2828
1978	1233	3087	2803	2838								

SEASONALLY ADJUSTED

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1963	2965	3043	3206	3719	3485	3475	3333	3440	3467	3786	3529	4050
1964	3159	4138	4618	4435	4158	4314	4002	3801	4307	4102	3955	4498
1965	3390	3841	3798	3660	3985	3823	3984	4002	3855	3859	4041	3359
1966	3984	3818	4081	3893	3977	4024	4036	3961	4011	3831	3974	3712
1967	4161	4018	3940	4068	4188	3887	4071	4164	4173	4227	4166	4063
1968	4152	4226	4095	4060	3933	4071	4193	4224	4016	4013	4035	3741
1969	4563	3816	4056	3850	3616	3797	4042	3526	3994	3892	3869	4286
1970	4159	4283	3860	4174	3996	4237	3866	3974	3901	3937	3902	4001
1971	3770	3847	3739	4288	4013	4210	4014	3660	3975	4076	4253	4051
1972	4091	3455	3871	3765	3772	3827	3851	3707	3650	3540	3567	3787
1973	4307	3760	4164	3861	4146	3795	4268	4265	4068	3481	4254	4006
1974	4169	4167	4243	4236	4138	4136	4167	3951	3998	3768	3693	3253
1975	1624	3308	3173	3015	3254	3182	3438	3863	3975	3983	3745	4228
1976	3549	4249	4006	4070	3852	3775	3174	3352	3331	3497	3449	3200
1977	3662	3331	3054	2987	3223	3655	3404	3143	3113	2535	3090	3195
1978	3132	3117	2598	3272								

PRODUCTION OF SYNTHETIC FIBRE WOVEN CLOTH  
'000 SQ. METRES

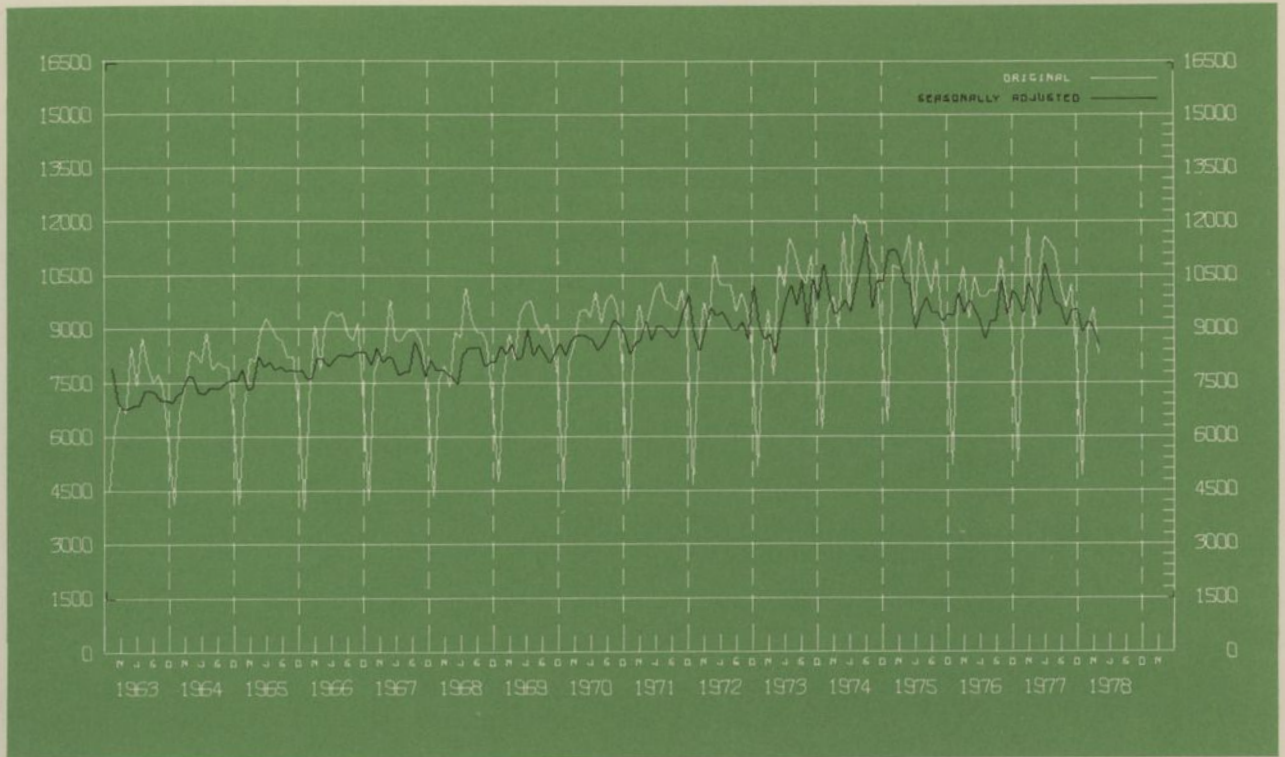


YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1963	806	1043	1230	1299	1633	1554	1464	1525	1474	1561	1342	1002
1964	953	1278	1314	1554	1528	1604	1630	1699	1811	1697	1578	1288
1965	794	1263	1537	1480	1719	1798	1492	1499	1652	1650	1572	1200
1966	788	1470	1468	1334	1636	1768	1678	1853	1832	1613	1665	1179
1967	805	1503	1712	1709	2008	2081	1787	2139	2144	2054	2001	1537
1968	972	1901	2179	1941	2579	2467	2477	2442	2394	2360	2280	1786
1969	1132	1992	2214	2088	2749	2682	2953	2832	2923	3020	2559	2098
1970	1453	2518	2414	2640	2843	3045	2959	2605	2622	2726	2584	1941
1971	1174	2639	2979	2885	3254	3365	3061	3822	4272	4506	5090	4342
1972	2216	3736	5413	5358	6369	6901	6711	7492	8097	7152	7740	6413
1973	5352	7651	8122	6758	8551	7796	8540	10492	9501	9605	9745	6212
1974	6950	9245	9797	10278	11078	10171	11286	9980	8004	7854	6583	4706
1975	2681	5814	5684	6067	7476	8696	9013	8483	9292	9420	8198	6164
1976	4319	8347	9082	7286	8742	9418	7393	8200	8602	8452	8364	7237
1977	2598	9178	9645	7490	9651	10098	8448	10524	10564	7556	11015	8250
1978	3563	8461	8444	7838								

SEASONALLY ADJUSTED												
1963	1213	1173	1284	1365	1419	1399	1376	1362	1353	1388	1350	1356
1964	1437	1417	1449	1497	1415	1388	1469	1553	1569	1521	1567	1624
1965	1540	1390	1488	1517	1575	1510	1379	1343	1419	1530	1519	1499
1966	1555	1612	1400	1421	1462	1481	1593	1610	1584	1511	1578	1517
1967	1567	1637	1745	1754	1741	1761	1705	1840	1918	1887	1867	2030
1968	1852	1958	2190	2053	2198	2247	2229	2152	2166	2085	2195	2312
1969	2125	2139	2242	2186	2432	2414	2608	2569	2582	2670	2540	2612
1970	2822	2685	2562	2562	2611	2690	2587	2384	2292	2492	2512	2382
1971	2356	2793	2828	3029	3031	2935	2756	3423	3714	4260	4835	5288
1972	4484	3761	5214	5827	5619	5965	6335	6433	7324	6664	7186	8310
1973	10172	7938	7791	7497	7455	6949	7930	8945	8894	8672	9064	8101
1974	12975	9534	9717	11154	9608	9347	10232	8757	7337	7016	6325	5961
1975	4941	5991	6139	6073	6704	7805	8116	7669	8302	8393	8144	7526
1976	8149	8461	8597	7837	8182	8117	6866	7290	7513	8034	7974	8662
1977	7484	9281	8881	8265	8681	8426	8025	8936	9156	7123	10207	10061
1978	9978	8540	8328	8341								

## CONFECTIONERY PRODUCTION

TONNES



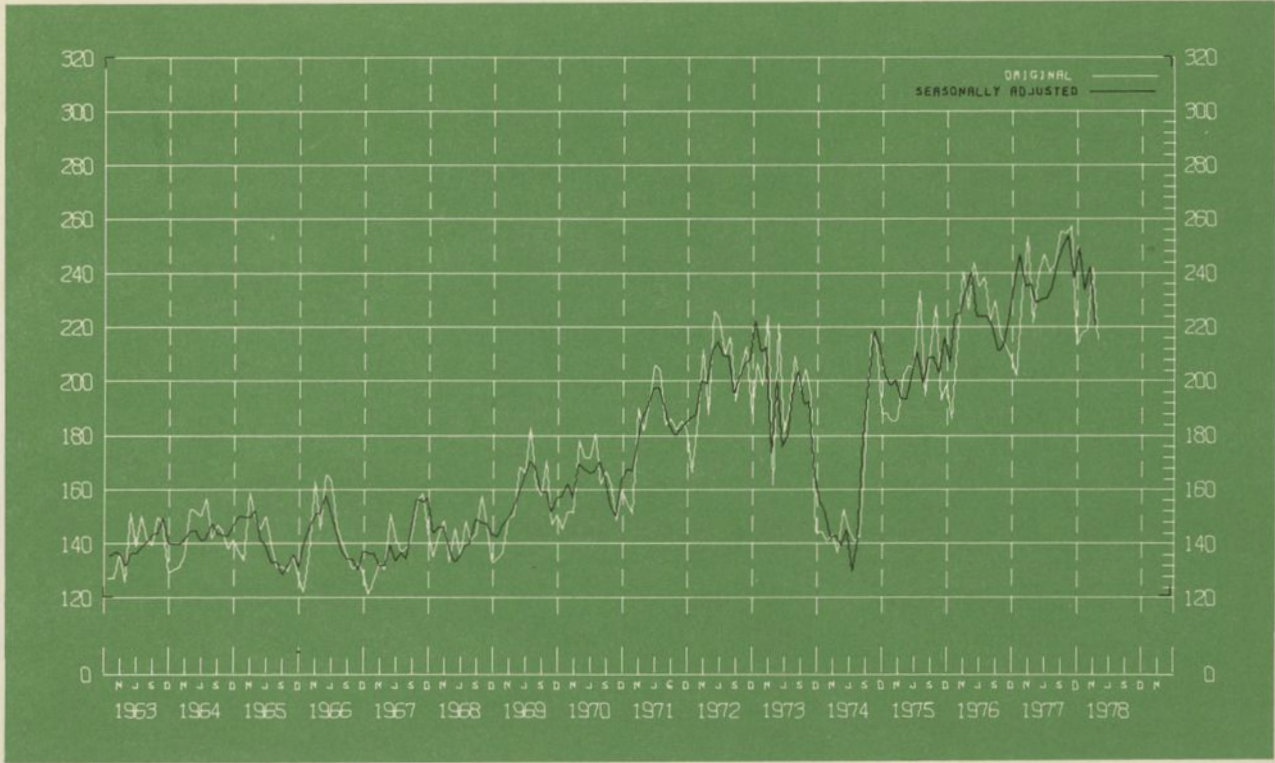
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1963	4464	6300	6913	6641	8527	7370	8759	7965	7512	7738	7217	5661
1964	4069	6690	7403	8391	8228	8033	8922	7820	8083	7933	7893	6459
1965	4037	6827	8173	8037	8931	9307	8963	8723	8618	8152	8242	6822
1966	3892	7094	9090	7829	9212	9490	9321	9453	8822	8628	9162	6863
1967	4164	7843	8246	8373	9802	8627	8659	8922	9004	8859	8477	6741
1968	4296	7603	7974	7352	8895	8700	10133	9257	8881	8895	8483	6813
1969	4685	7693	8836	8110	9376	9725	9821	9135	8854	9163	8528	7638
1970	4405	8115	8542	9494	9570	9308	10051	9122	9802	9970	9530	7838
1971	4213	8273	9693	8918	9453	10074	10293	9706	9631	9481	10100	8867
1972	4617	8233	9756	9038	11075	10203	10170	10229	9447	9996	9536	8472
1973	5114	8307	9547	7640	10765	10125	11525	11098	10396	10217	11042	8047
1974	6160	9470	9912	8986	11708	9473	12181	11920	11955	10916	10684	8582
1975	6373	10761	10608	10886	11612	9283	11439	10561	9959	10940	9214	8289
1976	5140	9825	10731	9251	10431	9883	9886	10083	9985	11024	9743	8864
1977	5208	9126	11794	8938	10451	11574	11330	11117	10137	9571	10233	8089
1978	4858	8960	9586	8255								

## SEASONALLY ADJUSTED

1963	7945	7010	6797	6877	6970	6928	7354	7324	7258	7047	7040	6996
1964	7230	7341	7766	7670	7269	7227	7443	7390	7431	7597	7673	7593
1965	7952	7362	7470	8300	8020	8175	7909	8033	7886	7949	7873	7962
1966	7659	7740	8269	8206	8020	8229	8374	8309	8265	8420	8467	8360
1967	8036	8548	8116	8324	8223	7769	7878	7852	8715	8377	7722	8223
1968	7876	7948	7792	7680	7502	8371	8542	8547	8585	8001	8169	8158
1969	8620	8335	8671	8183	8345	9089	8283	8626	8364	8108	8387	8668
1970	8323	8717	8897	8920	8830	8737	8445	8674	8962	9320	9159	8904
1971	8352	8692	8786	9310	8737	9139	9126	8964	8801	9016	9590	10006
1972	8846	8431	9064	9669	9432	9533	9308	9015	9069	9282	8766	10282
1973	9143	8770	8951	8341	9239	9905	10283	9687	10427	9092	10460	9848
1974	10897	9976	9441	9625	9879	9501	10288	10975	11721	9605	10439	10361
1975	11255	11310	11060	10352	10246	9024	9614	9957	9501	9550	9231	9489
1976	9387	10087	9482	9858	9565	9281	8764	9298	9289	10447	9431	10137
1977	9892	9472	10353	9922	9376	10881	10275	9758	9650	9113	9610	9629
1978	8941	9271	9086	8592								

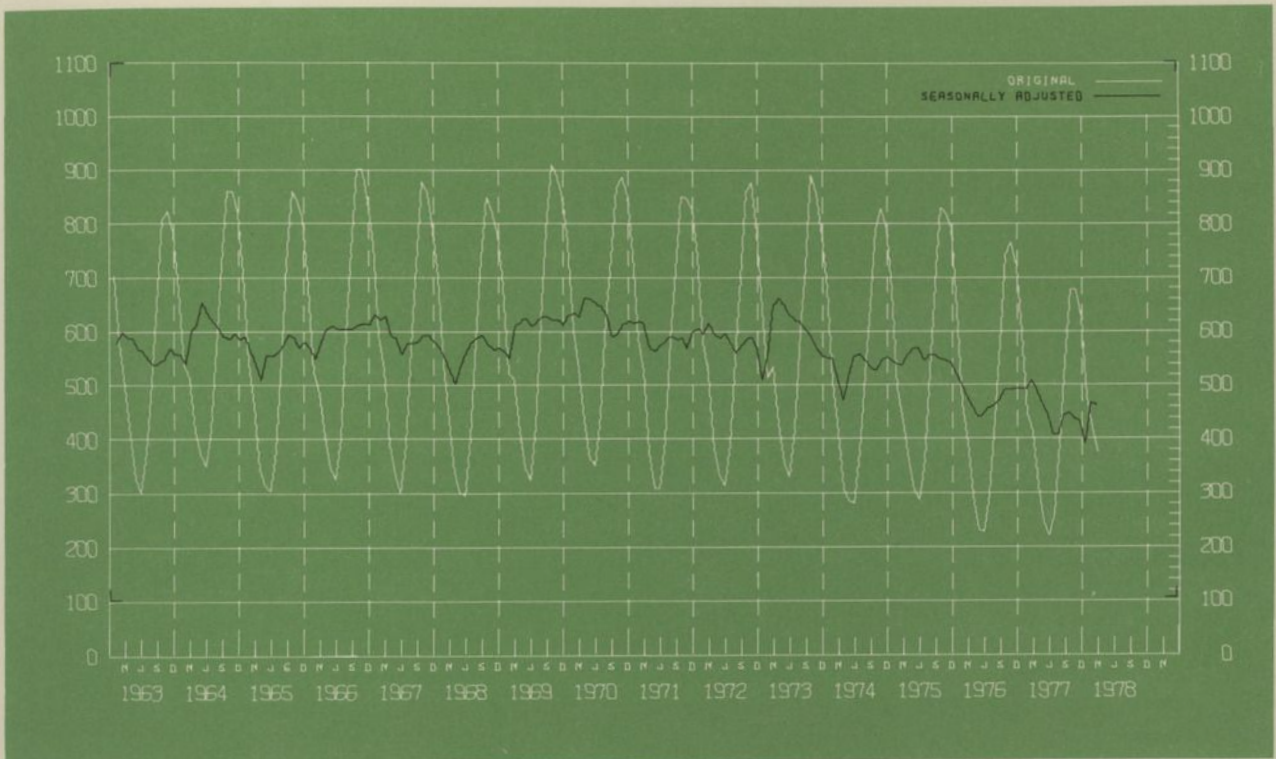
TOTAL MEAT PRODUCTION

'000 TONNES



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1963	127.3	127.3	136.2	125.7	151.6	138.9	150.4	141.7	139.3	149.7	147.2	129.2
1964	130.8	131.7	135.2	152.8	151.6	149.8	156.6	141.5	146.6	144.4	137.9	141.6
1965	136.6	133.4	159.2	149.2	145.2	150.4	139.7	131.3	131.0	129.5	135.7	127.7
1966	122.0	136.4	163.2	144.7	165.6	163.2	146.2	140.3	135.0	130.4	132.8	128.9
1967	121.0	126.7	132.9	129.8	151.0	141.7	136.8	138.9	142.8	156.0	158.9	144.2
1968	134.8	143.2	148.6	132.9	146.0	135.0	148.3	141.1	143.9	158.0	146.1	132.6
1969	134.8	136.9	150.1	150.6	168.5	166.0	183.3	161.7	157.4	170.7	146.8	150.7
1970	145.2	151.9	151.0	177.9	171.5	171.5	180.6	161.6	166.7	161.6	148.3	159.7
1971	154.9	150.8	190.5	181.5	192.0	206.1	204.0	183.5	186.2	181.9	185.1	181.9
1972	166.2	185.7	212.1	187.3	225.9	222.7	209.5	216.2	192.2	204.9	212.6	187.8
1973	206.7	197.9	224.2	161.2	221.4	180.9	190.1	209.2	196.8	204.3	194.2	144.0
1974	144.4	140.8	143.6	136.2	152.7	144.7	140.9	143.0	176.9	217.3	213.1	187.9
1975	187.7	184.8	185.8	201.8	205.6	204.4	233.5	194.1	211.5	228.0	192.6	198.8
1976	185.4	212.8	240.2	226.2	243.9	234.9	238.8	221.8	229.5	216.2	212.5	207.9
1977	201.5	232.8	253.4	221.2	239.6	246.8	240.4	243.1	255.1	254.3	257.2	212.8
1978	217.6	219.2	241.8	214.6								
SEASONALLY ADJUSTED												
1963	135.0	136.9	135.1	131.0	136.4	135.9	138.9	141.0	143.0	143.6	149.1	139.7
1964	139.0	139.4	142.0	144.2	144.5	140.6	142.4	147.3	143.4	142.5	142.4	146.7
1965	150.1	149.2	149.4	152.0	140.9	138.4	132.2	133.0	128.2	131.5	135.7	130.7
1966	139.9	146.0	150.4	151.8	157.4	150.5	143.3	136.3	133.6	133.8	129.5	136.7
1967	135.5	136.0	131.3	131.3	139.0	133.1	136.3	133.7	146.4	156.5	154.9	156.6
1968	143.3	146.2	145.9	138.1	132.7	135.0	138.7	140.3	148.9	147.3	146.7	142.6
1969	141.8	146.6	149.3	153.3	158.7	164.3	170.0	167.4	158.9	159.1	151.4	156.2
1970	157.6	161.8	156.4	169.2	167.1	165.6	166.6	169.9	163.6	153.6	149.5	163.2
1971	167.3	166.4	176.7	186.8	190.7	197.4	197.3	190.6	183.2	179.6	182.1	184.3
1972	186.5	187.4	200.0	198.2	211.0	214.5	208.8	209.1	195.0	200.9	206.1	207.9
1973	221.8	210.5	212.5	172.8	200.0	175.3	180.0	197.2	203.8	191.3	192.3	164.7
1974	154.7	150.9	141.9	142.7	138.3	145.3	129.4	141.1	179.3	199.1	218.2	212.5
1975	202.1	197.7	199.9	192.7	192.7	202.5	210.6	198.5	208.0	208.1	202.4	215.8
1976	206.5	223.9	225.0	233.7	240.1	223.3	223.7	223.2	218.6	210.4	212.9	222.7
1977	235.8	246.5	234.6	235.7	228.2	230.0	230.3	233.9	243.6	249.3	253.7	237.0
1978	248.8	232.8	241.8	219.7								

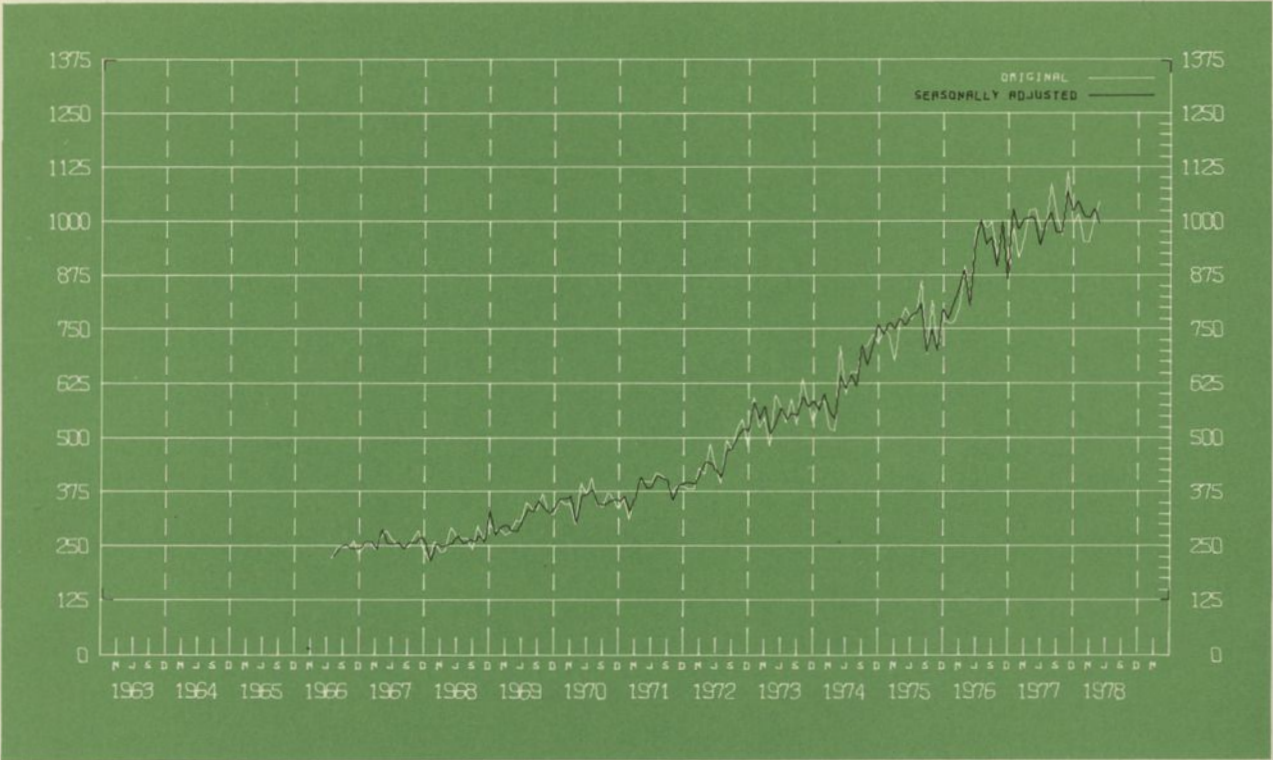
WHOLE MILK PRODUCTION, ALL PURPOSES  
MILLION LITRES



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	ORIGINAL											
1963	701.6	579.7	495.8	406.8	326.7	300.4	375.7	506.4	652.6	807.6	823.0	781.0
1964	673.9	535.7	511.0	416.9	371.1	347.8	418.5	569.4	723.2	860.1	858.3	818.3
1965	705.4	540.3	461.7	344.0	312.7	302.3	377.9	548.6	725.0	860.2	837.9	808.2
1966	680.6	522.4	485.2	404.8	344.9	323.3	404.2	596.2	750.4	901.9	901.9	839.3
1967	762.7	591.3	527.4	387.9	334.4	297.6	390.0	571.0	724.2	877.4	856.7	785.0
1968	700.9	538.2	434.3	337.7	299.4	292.8	404.8	583.1	736.8	849.6	820.4	777.4
1969	684.7	519.8	508.7	413.0	345.0	321.7	426.6	620.1	788.8	909.5	885.8	850.6
1970	763.4	601.1	530.4	434.7	361.8	349.7	446.2	622.0	736.2	867.6	887.4	851.2
1971	741.5	584.2	525.6	373.6	307.9	305.7	397.0	586.6	714.3	850.2	846.9	826.8
1972	737.0	579.3	518.6	380.0	329.4	312.8	389.8	549.6	700.1	860.0	875.9	781.9
1973	637.8	512.5	534.7	425.5	355.6	328.1	417.9	599.1	720.9	889.8	857.5	774.9
1974	677.8	504.2	410.0	306.7	281.7	277.8	376.5	520.5	647.6	789.3	828.8	791.4
1975	673.2	489.5	432.9	359.5	303.2	284.3	359.3	525.7	687.2	829.7	818.3	791.7
1976	635.0	463.3	392.1	292.8	229.8	223.3	296.7	438.3	575.8	741.8	765.6	720.1
1977	596.3	444.9	411.5	310.7	244.6	218.3	260.3	391.8	543.7	678.6	675.8	623.5
1978	476.2	420.5	372.0									

[illegible]

TOTAL EXPORTS  
\$ MILLION

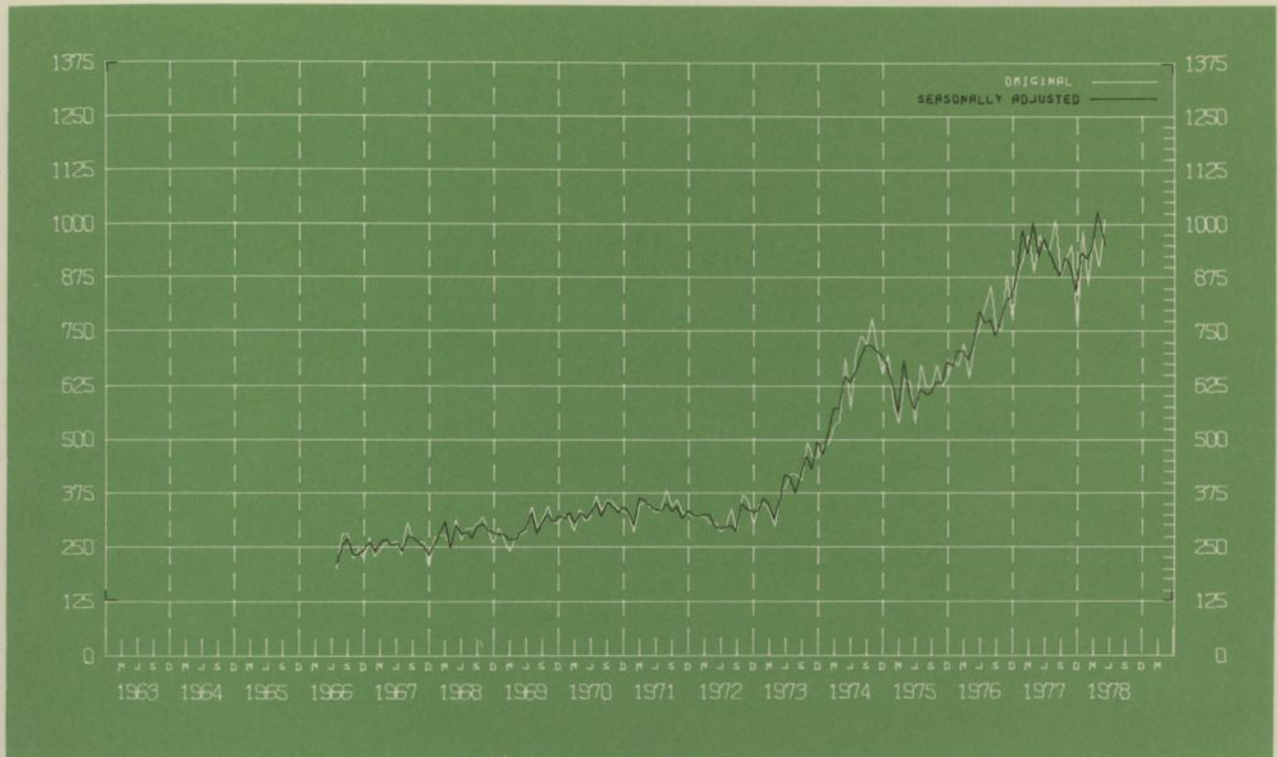


YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1966							223	245	247	244	259	228
1967	256	260	239	270	285	265	249	248	246	266	284	239
1968	216	259	234	240	293	272	264	268	239	298	263	302
1969	284	288	275	283	307	304	350	333	332	370	324	320
1970	356	344	349	297	395	368	407	342	337	372	358	335
1971	361	309	360	400	401	395	418	409	397	373	391	386
1972	380	381	429	413	487	430	392	495	471	520	543	477
1973	594	523	547	478	601	571	532	590	528	637	583	535
1974	581	587	521	513	713	598	652	648	705	715	737	717
1975	747	735	676	769	801	770	788	862	689	817	698	771
1976	763	768	800	897	805	981	1000	986	997	916	1000	862
1977	984	913	958	1024	1029	979	980	1088	1010	965	1115	992
1978	1016	953	952	1006	1045							

SEASONALLY ADJUSTED												
1966							227	245	256	244	244	247
1967	263	261	242	291	255	253	260	243	259	257	270	261
1968	215	254	248	254	258	275	254	266	259	276	257	332
1969	275	294	300	286	283	308	335	327	355	337	326	339
1970	360	358	367	302	368	373	383	346	345	352	359	352
1971	365	329	362	409	384	388	413	404	401	356	391	397
1972	396	393	418	444	441	426	407	472	478	504	523	514
1973	584	542	576	510	536	571	542	557	551	594	569	588
1974	563	602	560	542	645	612	648	617	714	668	713	763
1975	738	768	753	774	760	780	789	809	698	752	700	798
1976	772	809	844	891	804	955	1006	947	964	896	1003	864
1977	1031	982	1005	1013	1007	944	995	1022	974	974	1070	1024
1978	1047	1017	1008	1032	997							

NOTE - THIS SERIES IS SUBJECT TO LARGE IRREGULAR FLUCTUATIONS AND PARTICULAR CARE SHOULD BE EXERCISED IN INTERPRETING INDIVIDUAL MONTH-TO-MONTH MOVEMENTS.

TOTAL IMPORTS  
\$ MILLION



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1966							201	282	281	223	244	221
1967	273	228	245	260	258	264	231	308	270	260	264	203
1968	271	281	280	246	315	267	292	292	304	320	289	258
1969	294	265	237	273	283	287	344	296	316	345	304	304
1970	322	317	285	337	308	321	371	333	360	353	334	329
1971	326	283	349	356	340	328	338	382	344	359	325	322
1972	318	319	321	303	307	285	299	337	283	369	354	299
1973	348	348	333	295	379	390	420	415	403	493	456	458
1974	487	493	533	544	687	567	700	741	716	780	705	650
1975	696	580	536	641	629	534	675	621	622	672	622	642
1976	686	667	723	639	731	765	810	855	750	761	879	778
1977	884	917	976	886	976	939	940	1011	877	921	951	758
1978	986	854	967	898	1020							

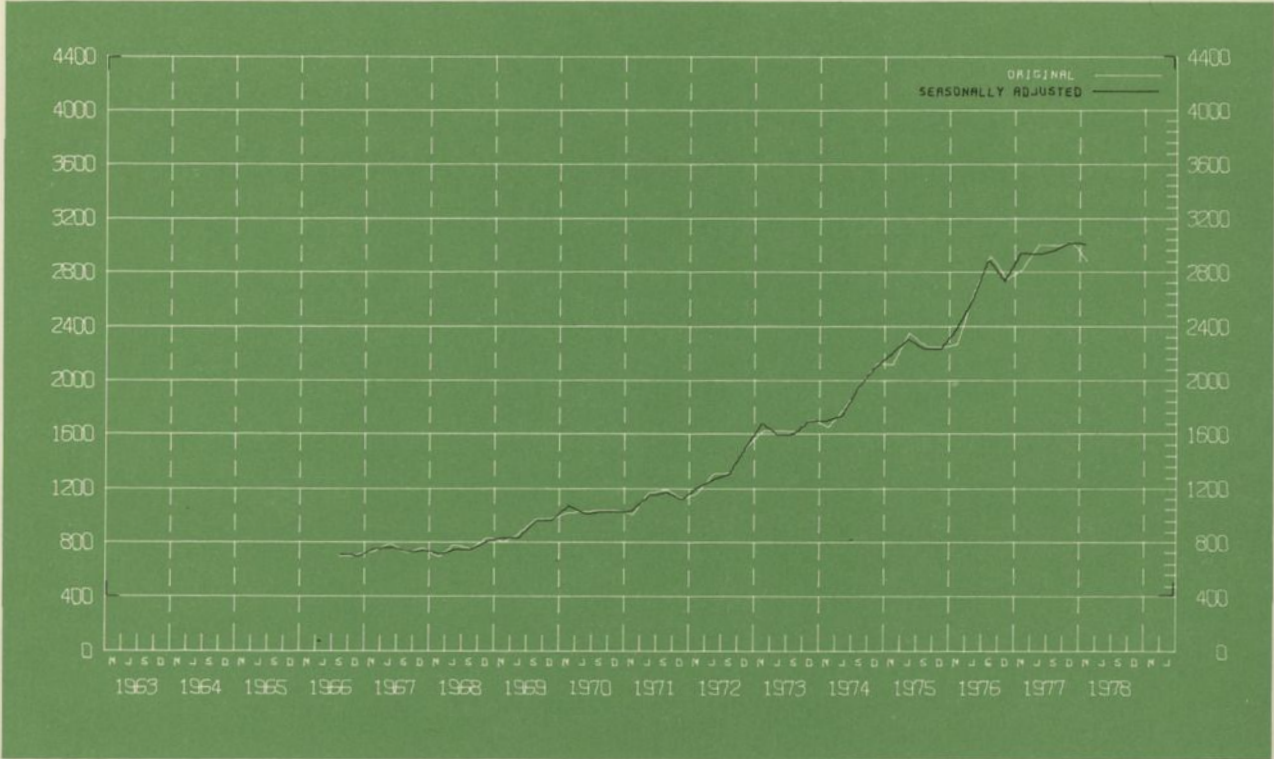
SEASONALLY ADJUSTED

1966						212	256	269	229	234	244
1967	262	240	260	269	252	259	239	274	269	259	229
1968	258	282	311	245	302	281	288	269	299	306	287
1969	278	278	265	269	284	294	329	281	311	325	308
1970	316	330	306	330	317	329	352	319	354	342	329
1971	329	300	364	355	346	336	332	352	333	344	316
1972	323	322	328	327	297	293	299	303	286	353	335
1973	338	362	351	314	356	417	410	374	417	463	429
1974	464	516	572	572	647	632	655	691	720	717	705
1975	668	625	560	686	605	568	618	605	610	636	627
1976	670	707	707	685	723	799	769	780	741	777	826
1977	880	988	931	1004	926	967	933	906	877	923	902
1978	935	920	945	1027	954						

NOTE - THIS SERIES IS SUBJECT TO LARGE IRREGULAR FLUCUATIONS AND PARTICULAR CARE SHOULD BE EXERCISED IN INTERPRETING INDIVIDUAL MONTH-TO-MONTH MOVEMENTS.

EXPORTS OF MERCHANDISE  
AT CURRENT PRICES

\$ MILLION



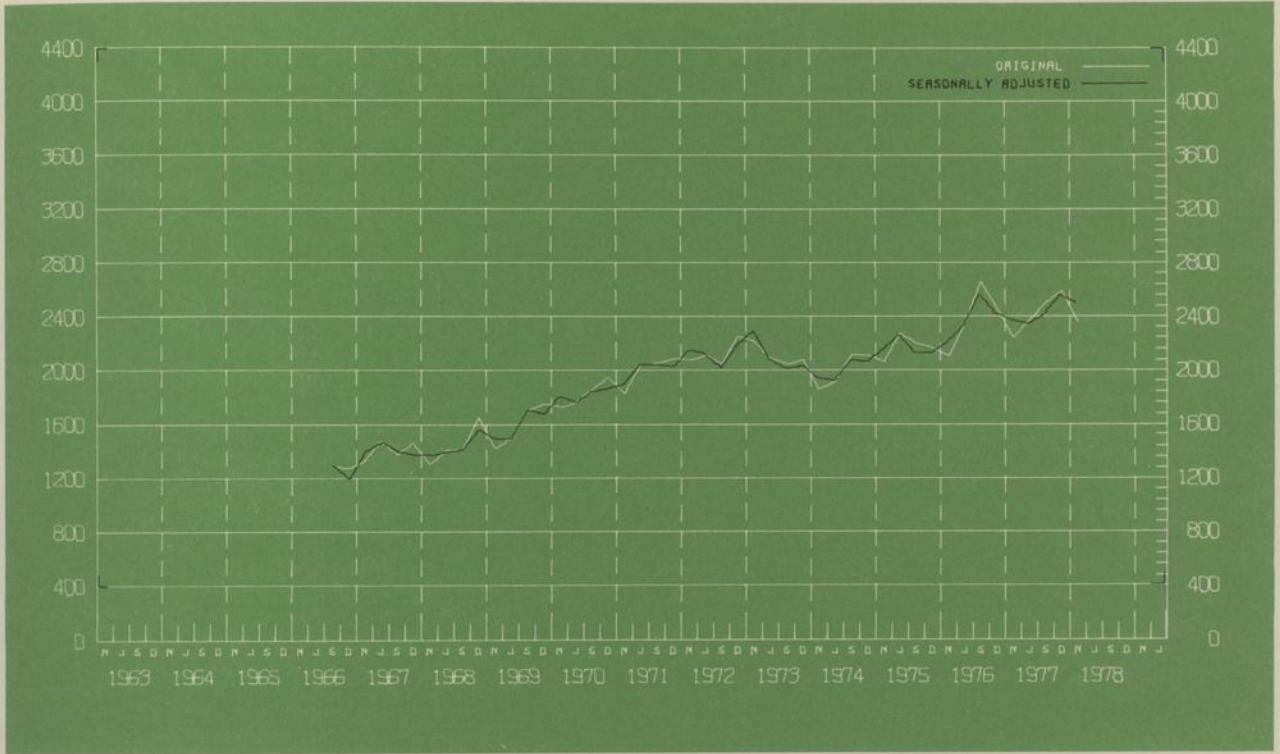
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			
1966			698	708
1967	739	789	717	759
1968	686	773	746	831
1969	802	861	968	981
1970	1021	1028	1043	1035
1971	998	1165	1189	1119
1972	1165	1300	1320	1505
1973	1627	1621	1615	1712
1974	1649	1783	1963	2117
1975	2113	2350	2245	2239
1976	2273	2643	2923	2741
1977	2822	2998	2995	3025
1978	2875			

SEASONALLY ADJUSTED

1966			713	692
1967	761	769	727	742
1968	713	755	748	817
1969	836	841	963	968
1970	1070	1005	1033	1025
1971	1040	1142	1176	1112
1972	1206	1275	1309	1500
1973	1676	1588	1606	1706
1974	1700	1747	1951	2098
1975	2191	2304	2226	2222
1976	2365	2586	2891	2730
1977	2939	2927	2957	3019
1978	3002			

EXPORTS OF MERCHANDISE  
AT AVERAGE 1974/75 PRICES

\$ MILLION



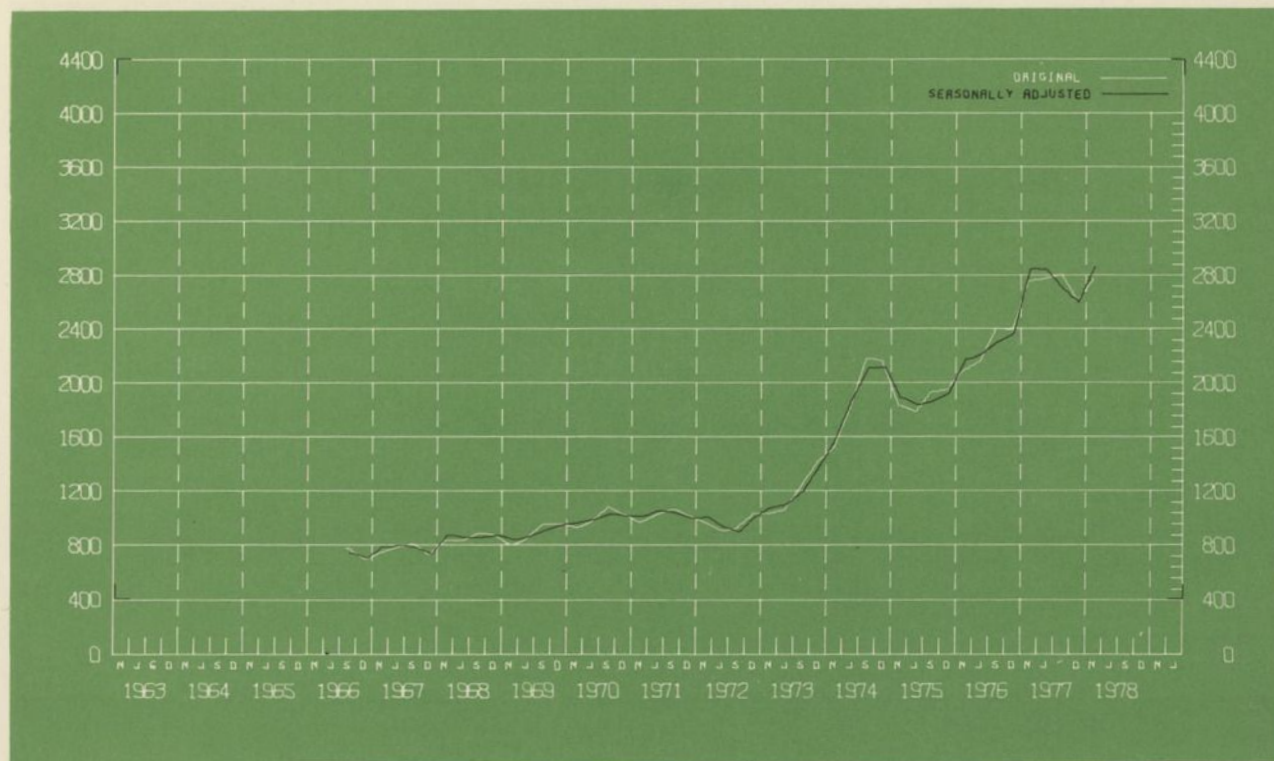
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1966			1268	1265
1967	1329	1471	1370	1452
1968	1297	1399	1410	1646
1969	1412	1496	1706	1753
1970	1716	1758	1853	1946
1971	1822	2043	2056	2090
1972	2075	2115	2036	2245
1973	2211	2080	2040	2083
1974	1855	1923	2114	2103
1975	2053	2271	2192	2163
1976	2093	2339	2654	2457
1977	2239	2367	2494	2589
1978	2354			

SEASONALLY ADJUSTED

1966			1288	1190
1967	1397	1474	1389	1366
1968	1370	1398	1413	1559
1969	1491	1494	1702	1674
1970	1808	1758	1845	1871
1971	1902	2049	2040	2024
1972	2155	2119	2014	2190
1973	2299	2078	2005	2039
1974	1937	1918	2069	2063
1975	2154	2265	2130	2130
1976	2207	2326	2569	2424
1977	2368	2347	2412	2559
1978	2496			

IMPORTS OF MERCHANDISE  
AT CURRENT PRICES

\$ MILLION



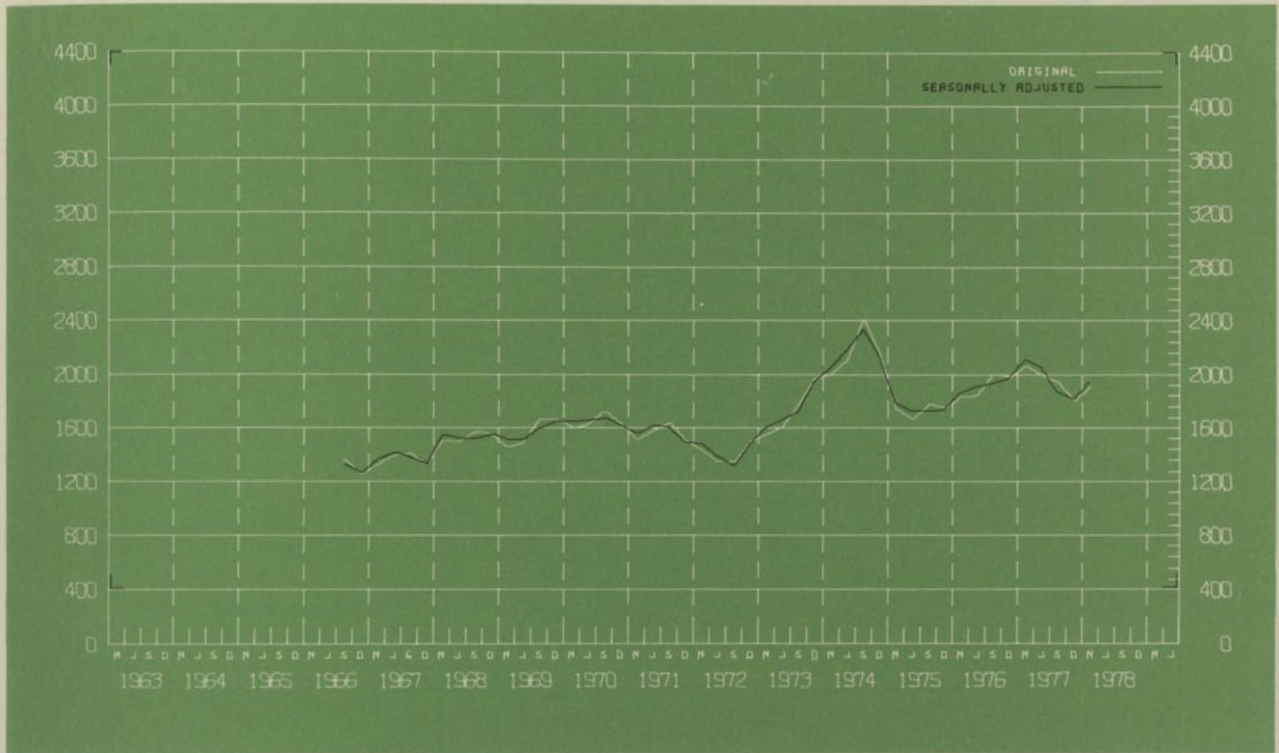
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1966			772	692
1967	751	789	815	728
1968	837	835	898	874
1969	802	849	961	961
1970	928	972	1076	1024
1971	967	1032	1074	1013
1972	965	903	926	1031
1973	1040	1075	1251	1421
1974	1531	1825	2187	2163
1975	1830	1781	1935	1960
1976	2098	2165	2398	2394
1977	2760	2778	2806	2606
1978	2776			

## SEASONALLY ADJUSTED

1966			733	695
1967	780	799	774	730
1968	871	846	853	873
1969	836	862	915	953
1970	967	991	1028	1009
1971	1007	1057	1029	992
1972	1004	928	889	1007
1973	1079	1107	1204	1387
1974	1585	1878	2106	2120
1975	1889	1829	1862	1930
1976	2164	2213	2306	2371
1977	2842	2833	2698	2591
1978	2856			

IMPORTS OF MERCHANDISE  
AT AVERAGE 1974/75 PRICES

\$ MILLION



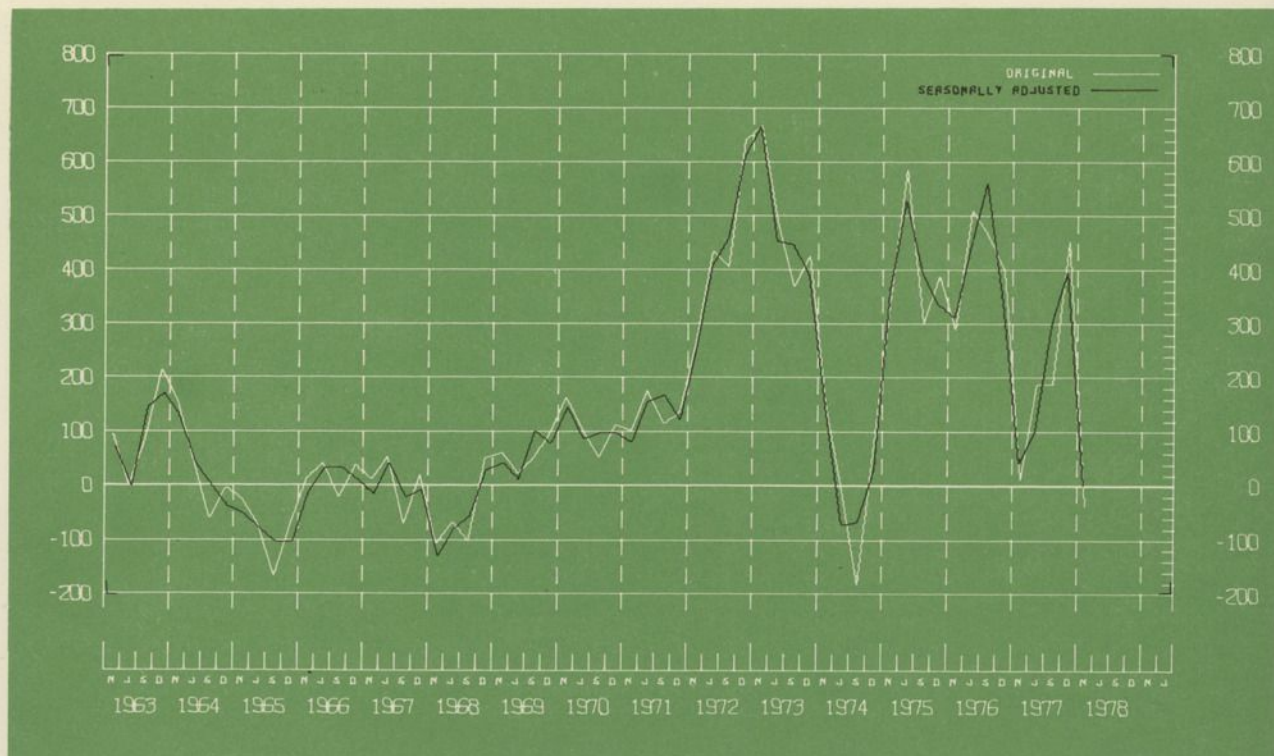
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
		ORIGINAL		
1966			1360	1253
1967	1328	1403	1415	1319
1968	1501	1499	1576	1553
1969	1456	1497	1660	1662
1970	1598	1632	1731	1629
1971	1511	1582	1645	1505
1972	1430	1342	1346	1506
1973	1563	1617	1781	1976
1974	2010	2112	2415	2149
1975	1736	1661	1774	1744
1976	1829	1844	2002	1978
1977	2066	1980	1933	1802
1978	1912			

SEASONALLY ADJUSTED

1966			1313	1255
1967	1365	1415	1365	1319
1968	1545	1513	1519	1549
1969	1501	1516	1600	1651
1970	1647	1658	1671	1610
1971	1555	1616	1589	1482
1972	1469	1377	1301	1481
1973	1600	1666	1720	1946
1974	2050	2180	2332	2122
1975	1765	1716	1709	1729
1976	1858	1901	1926	1970
1977	2096	2040	1858	1800
1978	1938			

BALANCE OF PAYMENTS - CURRENT ACCOUNT  
BALANCE OF TRADE

\$ MILLION



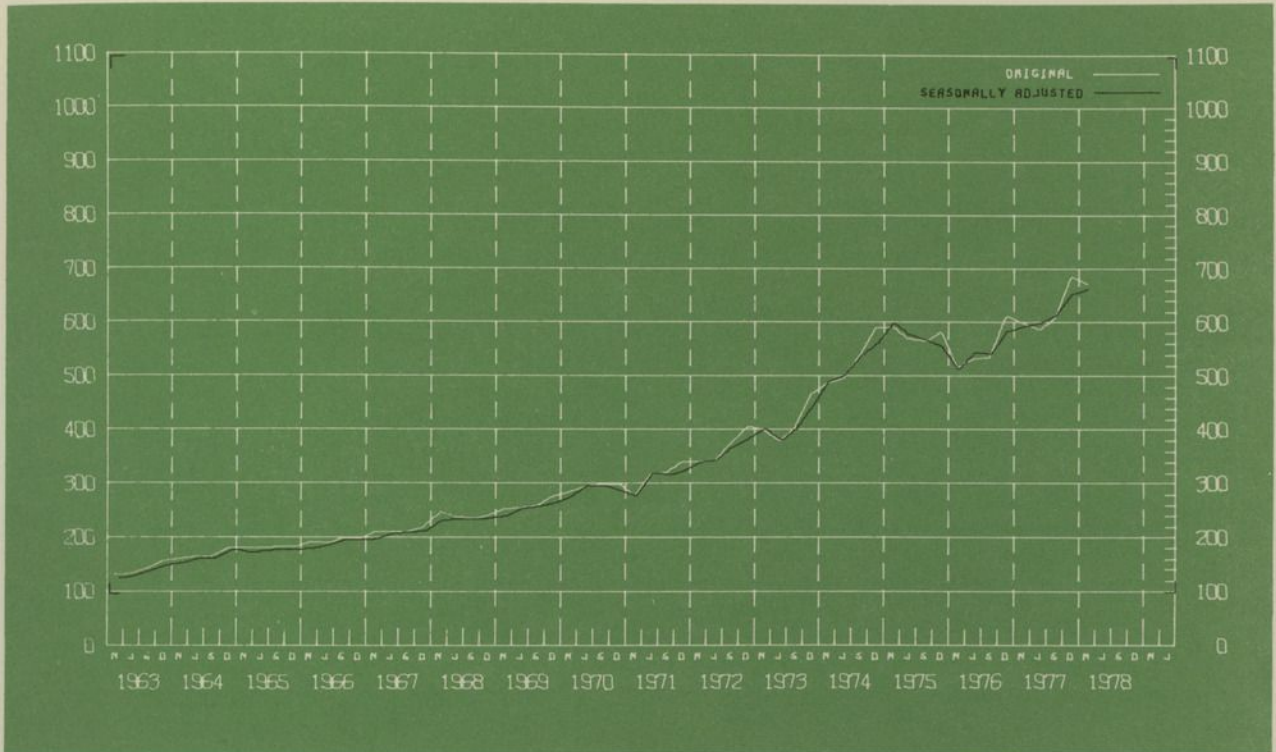
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1963	94	0	85	214
1964	155	44	-62	-4
1965	-26	-74	-168	-72
1966	14	43	-21	38
1967	9	53	-73	20
1968	-107	-69	-103	53
1969	61	21	53	96
1970	164	102	51	112
1971	101	176	114	135
1972	266	434	404	642
1973	668	488	368	426
1974	151	-11	-183	79
1975	354	588	299	387
1976	288	510	461	398
1977	11	189	189	454
1978	-41			

## SEASONALLY ADJUSTED

1963	74	0	148	175
1964	130	42	0	-37
1965	-51	-79	-103	-102
1966	-9	35	35	13
1967	-14	44	-19	-4
1968	-130	-78	-54	32
1969	44	12	102	77
1970	146	89	100	98
1971	80	158	170	121
1972	251	410	459	612
1973	667	452	446	389
1974	145	-72	-66	31
1975	363	531	392	334
1976	309	442	562	338
1977	41	102	297	396
1978	-5			

BALANCE OF PAYMENTS - CURRENT ACCOUNT  
TOTAL INVISIBLE CREDITS

\$ MILLION



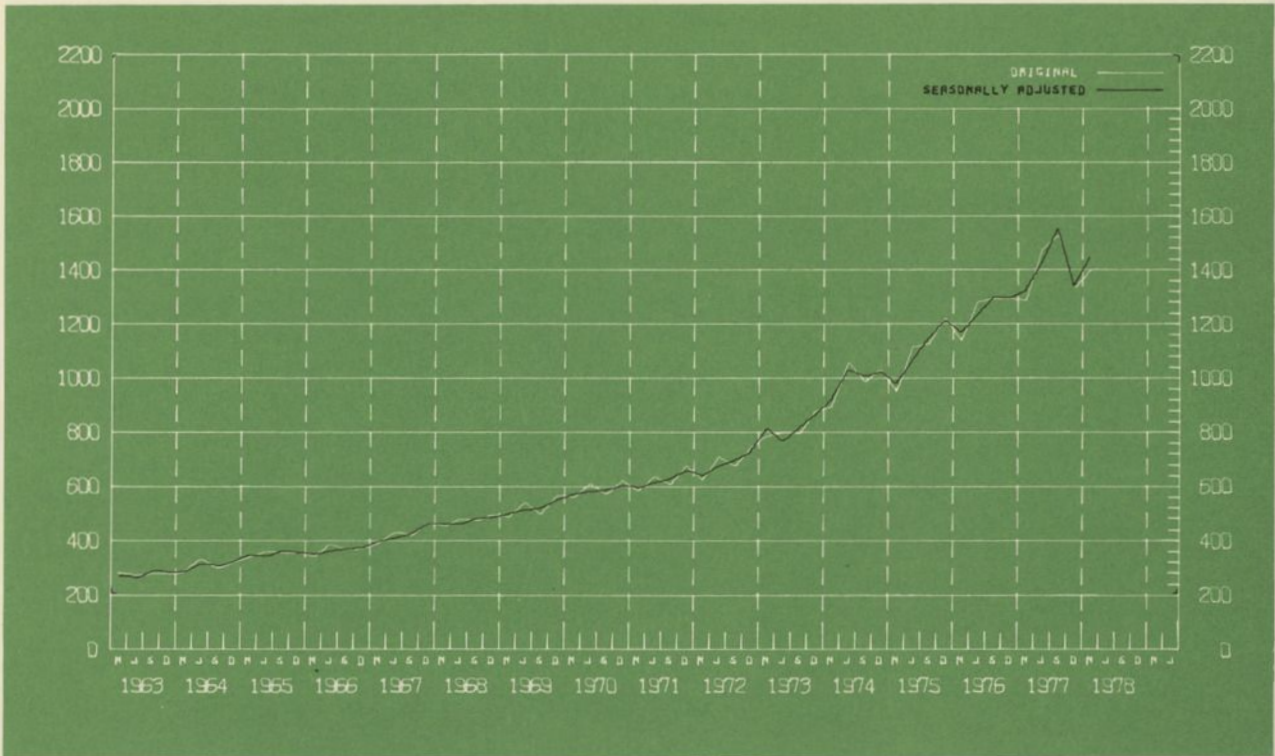
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1963	131	133	144	158
1964	162	166	166	182
1965	181	179	183	183
1966	192	189	200	197
1967	212	212	212	220
1968	245	236	234	243
1969	255	256	260	277
1970	286	297	299	299
1971	275	318	321	342
1972	340	343	376	405
1973	399	377	407	469
1974	488	498	540	591
1975	591	568	564	583
1976	515	534	536	611
1977	599	587	608	687
1978	670			

SEASONALLY ADJUSTED

1963	129	135	146	156
1964	160	168	167	183
1965	176	182	185	184
1966	186	191	202	200
1967	205	214	216	219
1968	238	239	238	241
1969	247	260	264	271
1970	282	302	300	290
1971	279	325	320	331
1972	345	351	374	389
1973	407	384	408	450
1974	496	509	544	566
1975	604	580	569	558
1976	516	548	544	588
1977	598	604	618	658
1978	668			

BALANCE OF PAYMENTS - CURRENT ACCOUNT  
TOTAL INVISIBLE DEBITS

\$ MILLION



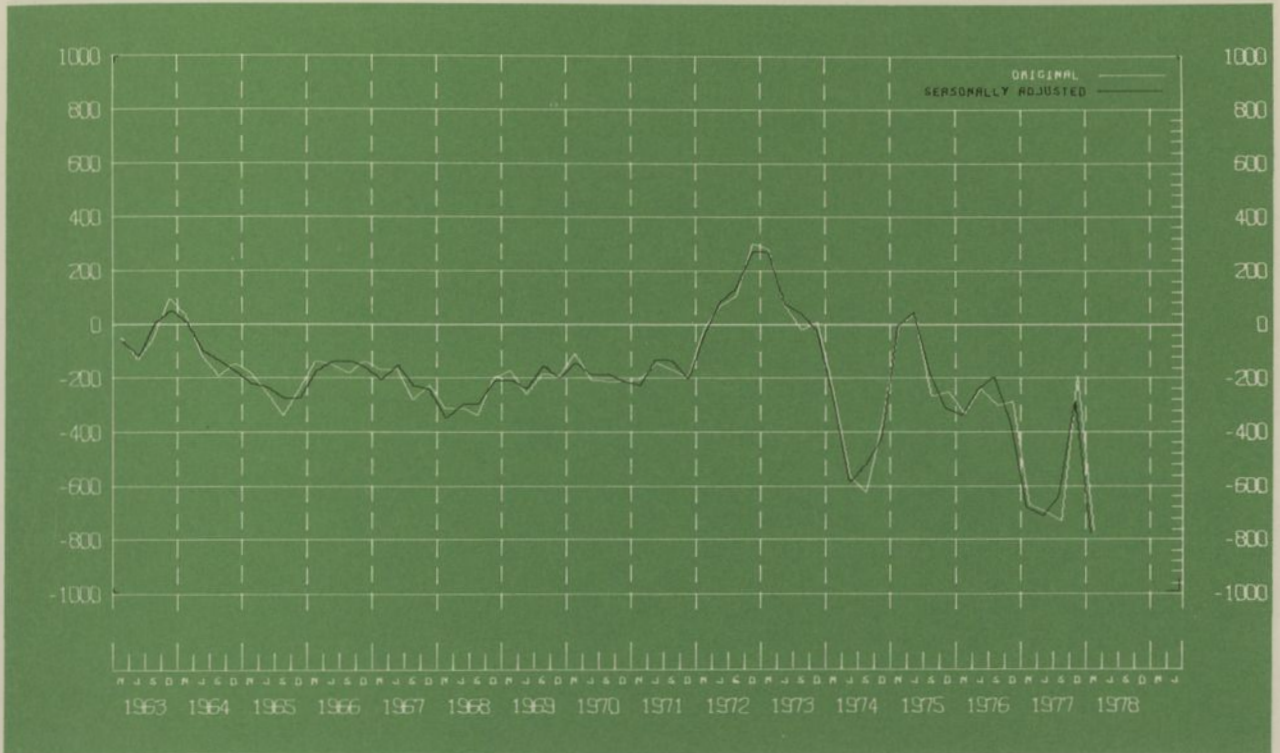
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
		ORIGINAL		
1963	277	267	282	276
1964	283	332	297	322
1965	341	360	354	350
1966	342	383	363	372
1967	391	430	417	465
1968	453	481	471	495
1969	485	538	498	567
1970	556	608	567	619
1971	578	637	606	677
1972	621	706	673	745
1973	790	798	792	881
1974	895	1057	986	1033
1975	948	1115	1130	1218
1976	1137	1284	1296	1293
1977	1285	1474	1534	1332
1978	1401			

SEASONALLY ADJUSTED

1963	270	258	292	279
1964	286	316	305	324
1965	347	342	362	354
1966	348	365	371	375
1967	399	412	428	464
1968	462	461	485	486
1969	498	515	520	550
1970	572	583	588	604
1971	592	616	630	661
1972	637	675	698	729
1973	811	763	817	865
1974	920	1029	1003	1024
1975	976	1066	1149	1212
1976	1169	1233	1302	1296
1977	1326	1425	1556	1342
1978	1447			

BALANCE OF PAYMENTS - CURRENT ACCOUNT  
BALANCE ON CURRENT ACCOUNT

\$ MILLION

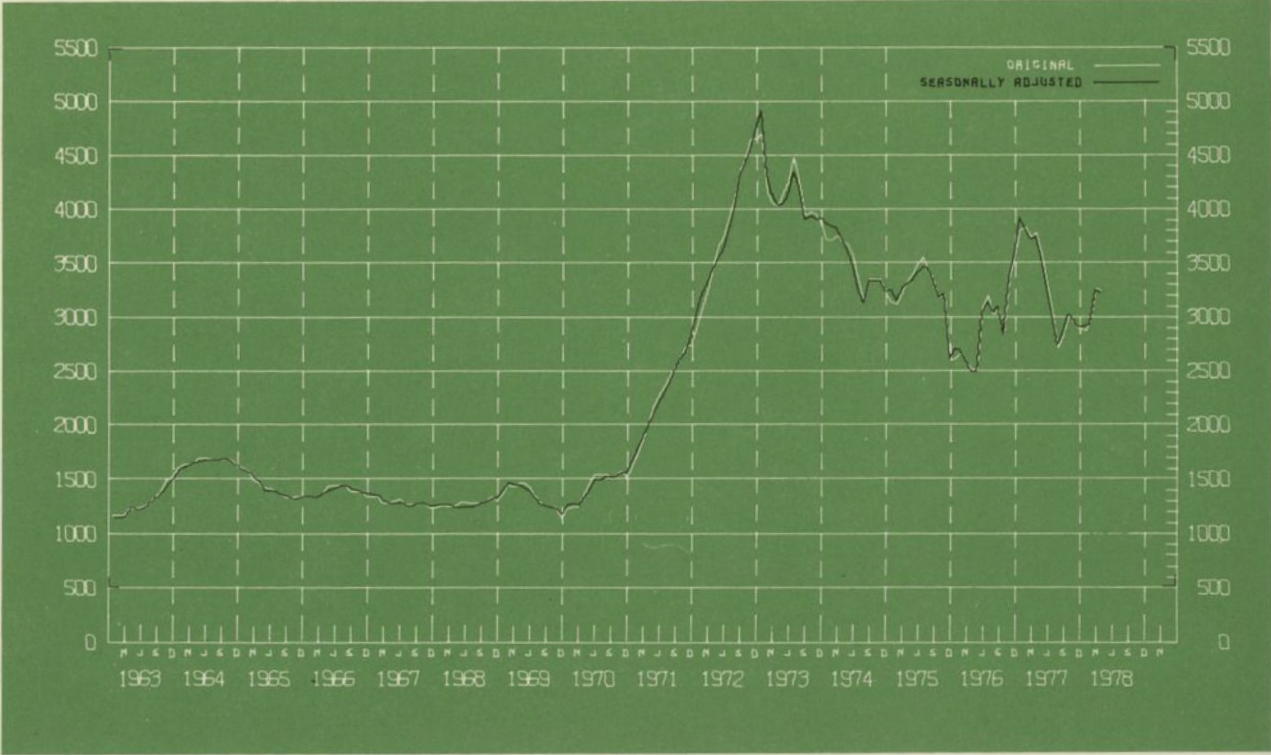


YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1963	-52	-134	-53	97
1964	34	-122	-193	-144
1965	-186	-255	-338	-240
1966	-136	-152	-184	-138
1967	-170	-165	-278	-225
1968	-315	-314	-340	-199
1969	-169	-261	-185	-195
1970	-106	-210	-216	-208
1971	-202	-143	-170	-199
1972	-15	70	107	301
1973	278	67	-18	13
1974	-256	-569	-629	-363
1975	-3	40	-267	-248
1976	-334	-240	-299	-284
1977	-676	-699	-737	-191
1978	-771			

SEASONALLY ADJUSTED

1963	-67	-123	2	51
1964	4	-106	-138	-179
1965	-223	-239	-280	-272
1966	-170	-138	-135	-162
1967	-207	-153	-231	-249
1968	-354	-299	-300	-213
1969	-208	-243	-155	-202
1970	-144	-192	-188	-216
1971	-233	-134	-140	-209
1972	-40	85	135	272
1973	264	72	37	-26
1974	-278	-592	-526	-428
1975	-10	45	-187	-320
1976	-344	-243	-197	-371
1977	-687	-719	-640	-288
1978	-784			

INTERNATIONAL LIQUIDITY  
OFFICIAL RESERVE ASSETS  
(SOURCE OF ORIGINAL DATA - RESERVE BANK OF AUSTRALIA)  
\$ MILLION

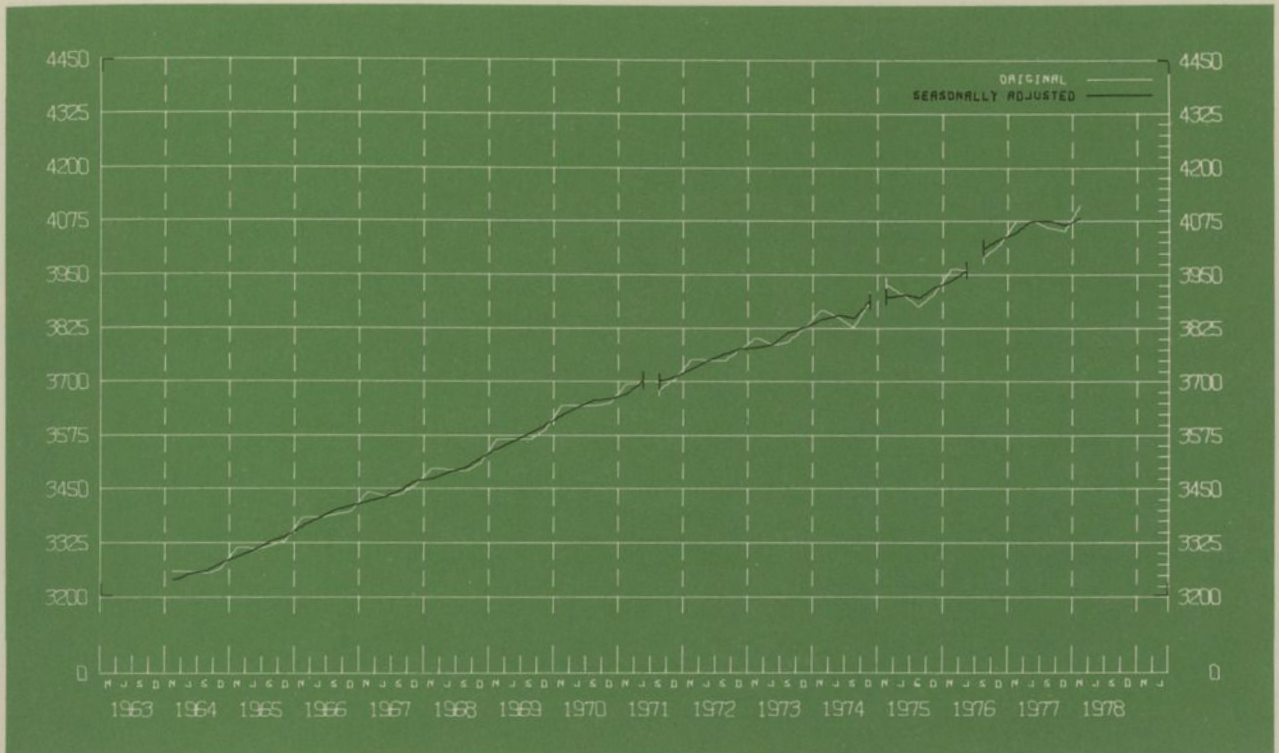


YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1963	1164	1162	1163	1230	1232	1243	1263	1294	1330	1402	1492	1531
1964	1603	1639	1625	1645	1702	1695	1673	1672	1674	1691	1674	1620
1965	1586	1573	1493	1452	1413	1403	1375	1348	1321	1315	1342	1333
1966	1335	1333	1333	1381	1439	1447	1452	1442	1380	1391	1377	1327
1967	1338	1333	1273	1276	1300	1315	1258	1268	1264	1291	1254	1218
1968	1250	1255	1243	1237	1280	1277	1266	1267	1277	1301	1338	1289
1969	1357	1442	1421	1459	1463	1420	1342	1277	1236	1230	1227	1126
1970	1223	1251	1232	1343	1449	1538	1526	1546	1504	1535	1583	1511
1971	1619	1726	1855	2011	2181	2280	2356	2459	2536	2626	2735	2743
1972	2911	3079	3241	3448	3655	3737	3921	4097	4359	4462	4645	4648
1973	4704	4136	4037	4021	4135	4248	4481	4264	3932	3966	3937	3871
1974	3709	3711	3750	3693	3662	3560	3327	3134	3348	3337	3338	3217
1975	3133	3101	3220	3317	3392	3493	3545	3429	3318	3172	3211	2588
1976	2619	2663	2571	2503	2525	3086	3196	3005	3071	2818	3340	3550
1977	3809	3831	3731	3780	3591	3312	3053	2701	2820	3000	2938	2879
1978	2861	2948	3262	3229								

SEASONALLY ADJUSTED												
1963	1149	1150	1176	1246	1220	1241	1273	1306	1350	1401	1468	1524
1964	1585	1623	1647	1667	1684	1688	1681	1683	1699	1688	1651	1623
1965	1575	1562	1514	1467	1394	1391	1375	1352	1338	1312	1330	1349
1966	1335	1327	1351	1388	1412	1425	1445	1442	1397	1388	1369	1358
1967	1350	1335	1289	1274	1267	1289	1245	1264	1280	1291	1248	1259
1968	1274	1264	1258	1228	1240	1248	1249	1259	1290	1302	1332	1339
1969	1395	1466	1440	1443	1408	1381	1318	1264	1244	1230	1219	1167
1970	1259	1275	1248	1332	1401	1498	1496	1525	1509	1533	1568	1563
1971	1679	1777	1890	2001	2107	2216	2298	2414	2531	2615	2694	2828
1972	3043	3206	3320	3450	3548	3625	3813	4019	4331	4428	4573	4749
1973	4922	4309	4131	4042	4048	4131	4354	4210	3896	3940	3897	3919
1974	3855	3825	3820	3707	3605	3471	3239	3120	3339	3327	3327	3240
1975	3248	3149	3252	3316	3341	3409	3456	3449	3332	3177	3223	2603
1976	2709	2671	2576	2488	2483	3027	3137	3036	3102	2830	3362	3569
1977	3921	3809	3715	3752	3540	3256	3008	2729	2848	3016	2961	2891
1978	2922	2926	3245	3206								

## CIVILIAN LABOUR FORCE - MALES

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YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1964	3256.7	3254.3	3252.2	3268.4
1965	3313.9	3310.2	3319.8	3331.7
1966	3385.0	3384.6	3392.8	3399.8
1967	3443.0	3432.7	3437.2	3458.9
1968	3497.2	3491.6	3488.9	3511.3
1969	3567.0	3565.2	3565.8	3590.0
1970	3645.2	3642.7	3643.8	3652.1
1971	3695.4	3700.3	3683.0A	3706.9
1972	3752.8	3747.4	3746.5	3775.0
1973	3801.7	3784.7	3795.6	3827.8
1974	3868.4	3850.6	3825.6	3887.6
1975	3924.7AB	3903.6	3874.5	3908.3
1976	3963.6	3960.5	3992.9A	4021.2
1977	4076.2	4076.2	4056.9	4050.4
1978	4112.4			

## SEASONALLY ADJUSTED

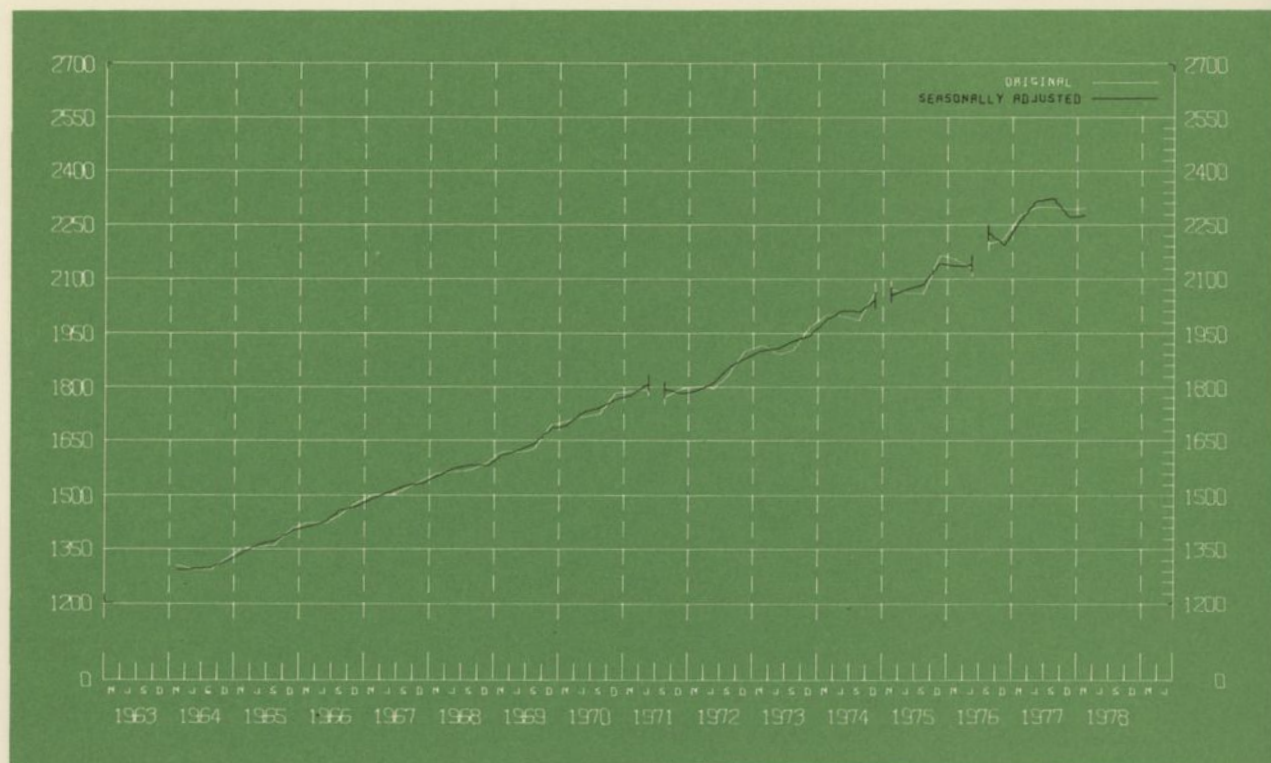
1964	3237.3	3254.0	3261.0	3279.7
1965	3294.1	3309.7	3329.2	3343.1
1966	3364.5	3383.9	3403.0	3411.3
1967	3422.0	3431.6	3448.4	3470.2
1968	3475.6	3490.3	3501.2	3522.0
1969	3545.1	3563.7	3579.5	3599.4
1970	3623.1	3641.7	3658.7	3659.8
1971	3673.1	3700.5	3698.9A	3712.4
1972	3730.3	3748.9	3763.9	3777.8
1973	3779.1	3787.8	3813.9	3828.1
1974	3846.1	3854.8	3844.0	3886.9
1975	3896.0AB	3903.0	3892.2	3919.7
1976	3935.1	3959.8	4010.4A	4033.7
1977	4046.8	4075.3	4074.5	4063.0
1978	4083.0			

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

(B) THIS FIGURE EXCLUDES DARWIN AS THE POPULATION SURVEY WAS NOT CONDUCTED THERE IN FEBRUARY 1975.

## CIVILIAN LABOUR FORCE - FEMALES

'000



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1964	1302.4	1291.3	1288.6	1321.7
1965	1351.8	1358.3	1363.1	1405.9
1966	1426.1	1418.4	1447.2	1477.9
1967	1502.7	1501.1	1516.7	1540.8
1968	1563.4	1566.7	1571.4	1588.9
1969	1622.2	1617.7	1630.6	1694.7
1970	1705.9	1720.2	1728.1	1784.8
1971	1791.3	1795.4	1772.8A	1796.7
1972	1803.3	1794.5	1834.8	1902.0
1973	1916.2	1891.4	1906.1	1968.2
1974	2000.3	1994.7	1981.9	2065.1
1975	2071.2AB	2059.4	2057.3	2165.3
1976	2151.5	2127.6	2197.6A	2215.3
1977	2281.3	2301.8	2297.8	2291.9
1978	2296.9			

## SEASONALLY ADJUSTED

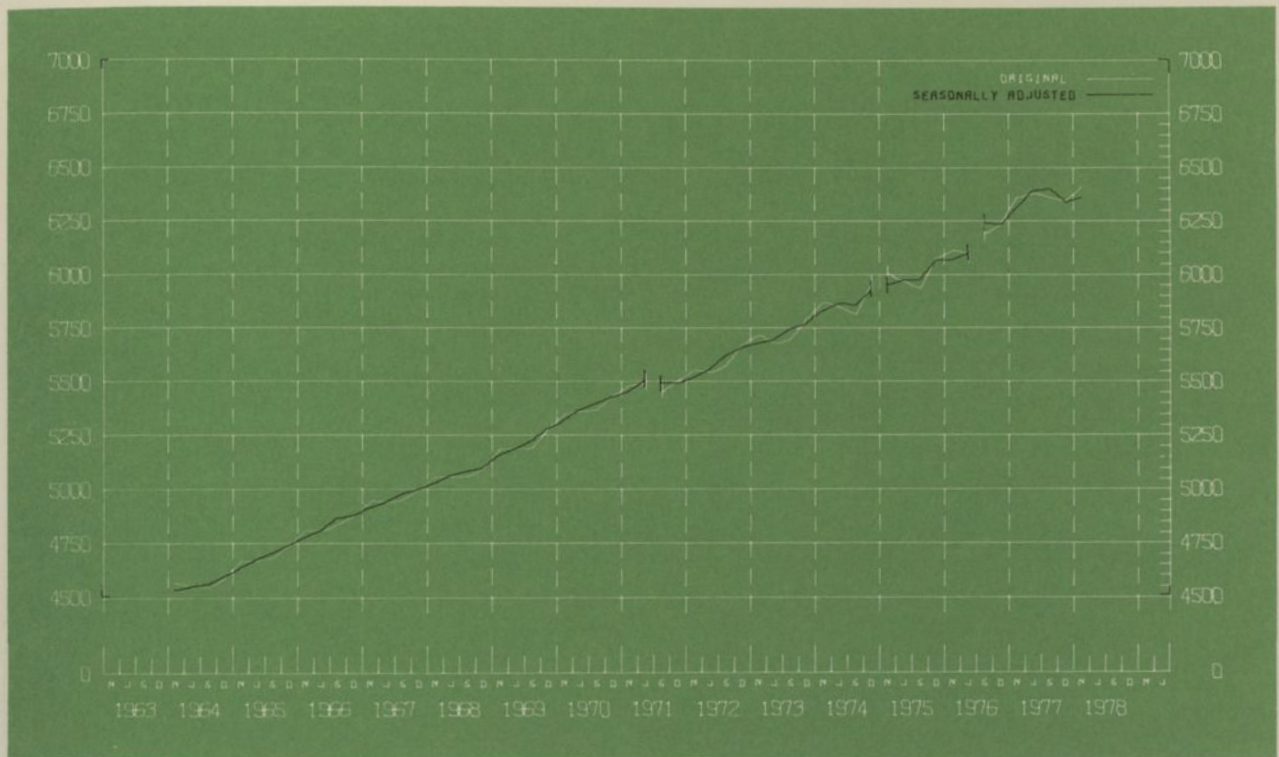
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
1964	1291.2	1297.3	1299.2	1316.3
1965	1340.4	1364.5	1374.0	1400.3
1966	1414.2	1425.0	1458.5	1471.5
1967	1491.1	1508.2	1528.4	1532.9
1968	1552.5	1574.3	1583.9	1578.6
1969	1612.3	1626.0	1644.1	1681.5
1970	1695.9	1730.4	1743.5	1768.3
1971	1780.4	1807.7	1790.1A	1777.8
1972	1791.3	1808.4	1854.7	1879.6
1973	1902.4	1907.3	1928.5	1943.5
1974	1984.9	2012.3	2005.8	2039.1
1975	2053.8AB	2072.1	2083.8	2143.4
1976	2133.5	2140.4	2225.0A	2193.9
1977	2262.2	2315.5	2325.9	2270.2
1978	2277.8			

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

(B) THIS FIGURE EXCLUDES DARWIN AS THE POPULATION SURVEY WAS NOT CONDUCTED THERE IN FEBRUARY 1975.

## CIVILIAN LABOUR FORCE - PERSONS

'000



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
		ORIGINAL		
1964	4559.2	4545.6	4540.8	4590.1
1965	4665.7	4668.5	4682.9	4737.6
1966	4811.1	4803.0	4840.0	4877.7
1967	4945.7	4933.8	4953.9	4999.7
1968	5060.6	5058.3	5060.3	5100.2
1969	5189.2	5182.9	5196.4	5284.7
1970	5351.1	5362.9	5371.9	5436.9
1971	5486.7	5495.7	5455.8A	5503.6
1972	5556.1	5541.9	5581.3	5677.0
1973	5717.9	5676.1	5701.7	5796.0
1974	5868.8	5845.3	5807.6	5952.7
1975	5995.9AB	5963.0	5931.8	6073.6
1976	6115.1	6088.1	6190.5A	6236.5
1977	6357.5	6378.0	6354.7	6342.2
1978	6409.3			

## SEASONALLY ADJUSTED

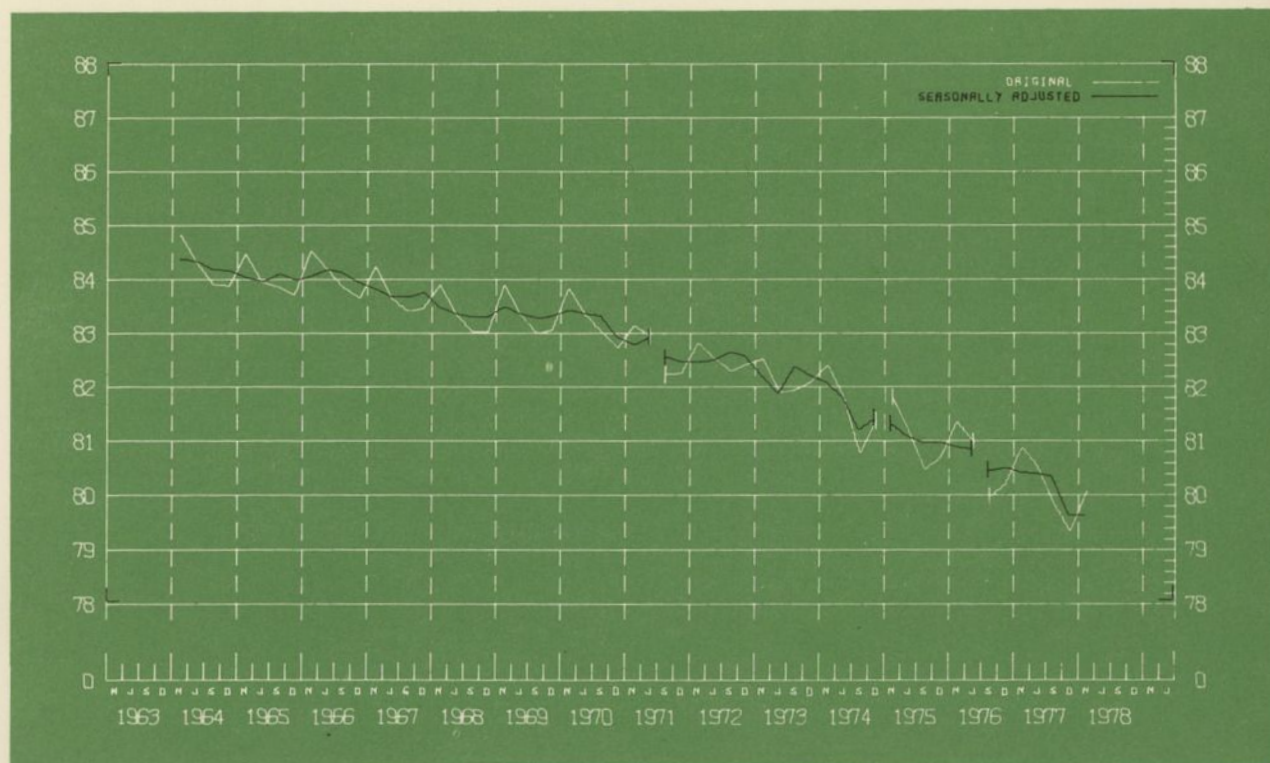
1964	4529.1	4549.6	4562.4	4594.7
1965	4635.0	4672.7	4705.2	4742.3
1966	4779.1	4807.8	4863.2	4881.8
1967	4913.3	4938.9	4978.1	5002.2
1968	5028.4	5063.9	5085.9	5099.9
1969	5157.8	5189.1	5223.9	5281.0
1970	5319.3	5371.4	5401.8	5428.9
1971	5453.8	5507.4	5488.5A	5490.6
1972	5521.9	5556.8	5618.3	5657.8
1973	5681.8	5694.5	5742.5	5771.7
1974	5831.3	5866.4	5850.0	5926.2
1975	5949.8AB	5974.7	5976.3	6063.7
1976	6068.4	6099.6	6235.7A	6228.1
1977	6308.7	6389.8	6400.7	6334.1
1978	6360.3			

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

(B) THIS FIGURE EXCLUDES DARWIN AS THE POPULATION SURVEY WAS NOT CONDUCTED THERE IN FEBRUARY 1975.

## CIVILIAN LABOUR FORCE PARTICIPATION RATES - MALES

PER CENT



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1964	84.8	84.3	83.9	83.9
1965	84.5	83.9	83.8	83.7
1966	84.5	84.2	83.8	83.6
1967	84.2	83.6	83.4	83.5
1968	83.9	83.3	83.0	83.0
1969	83.9	83.3	83.0	83.1
1970	83.8	83.3	83.0	82.7
1971	83.1	82.9	82.2A	82.3
1972	82.8	82.5	82.3	82.4
1973	82.5	81.9	82.0	82.1
1974	82.4	81.8	80.8	81.4
1975	81.8AB	81.2	80.5	80.7
1976	81.4	81.0	80.0A	80.2
1977	80.9	80.5	79.8	79.3
1978	80.1			

## SEASONALLY ADJUSTED

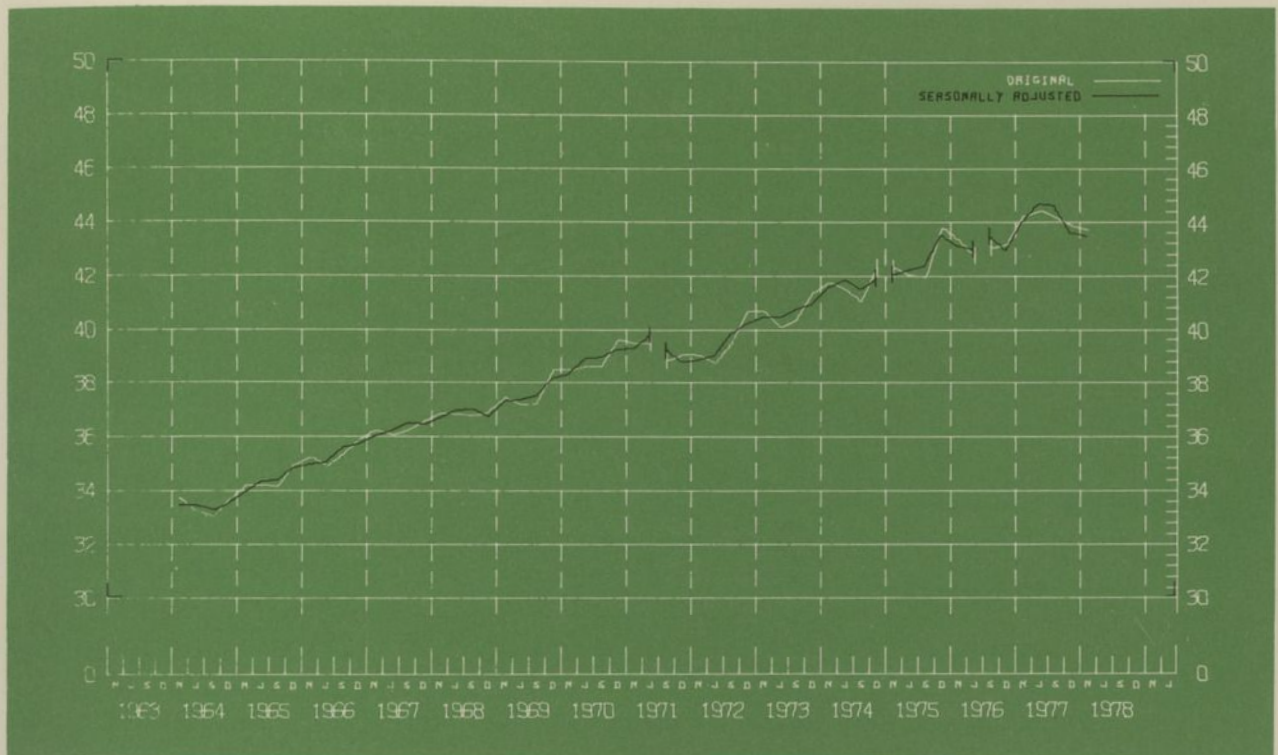
1964	84.3	84.3	84.1	84.1
1965	84.0	83.9	84.1	84.0
1966	84.0	84.2	84.1	83.9
1967	83.8	83.6	83.6	83.7
1968	83.4	83.3	83.3	83.3
1969	83.5	83.3	83.2	83.3
1970	83.4	83.3	83.3	82.9
1971	82.7	82.9	82.5A	82.4
1972	82.4	82.5	82.6	82.5
1973	82.2	81.8	82.3	82.2
1974	82.0	81.8	81.2	81.4
1975	81.3AB	81.0	80.9	80.9
1976	80.8	80.8	80.4A	80.5
1977	80.4	80.3	80.3	79.6
1978	79.6			

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

(B) THIS FIGURE EXCLUDES DARWIN AS THE POPULATION SURVEY WAS NOT CONDUCTED THERE IN FEBRUARY 1975.

## CIVILIAN LABOUR FORCE PARTICIPATION RATES - FEMALES

PER CENT



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1964	33.7	33.2	33.0	33.6
1965	34.2	34.2	34.1	35.0
1966	35.2	34.9	35.3	35.9
1967	36.2	36.0	36.3	36.6
1968	36.9	36.8	36.8	36.9
1969	37.5	37.2	37.3	38.5
1970	38.5	38.7	38.7	39.6
1971	39.5	39.5	38.8A	39.1
1972	39.0	38.7	39.5	40.7
1973	40.7	40.1	40.3	41.4
1974	41.8	41.5	41.1	42.3
1975	42.3AB	42.0	41.9	43.8
1976	43.3	42.7	43.0A	43.2
1977	44.3	44.4	44.2	43.8
1978	43.7			

## SEASONALLY ADJUSTED

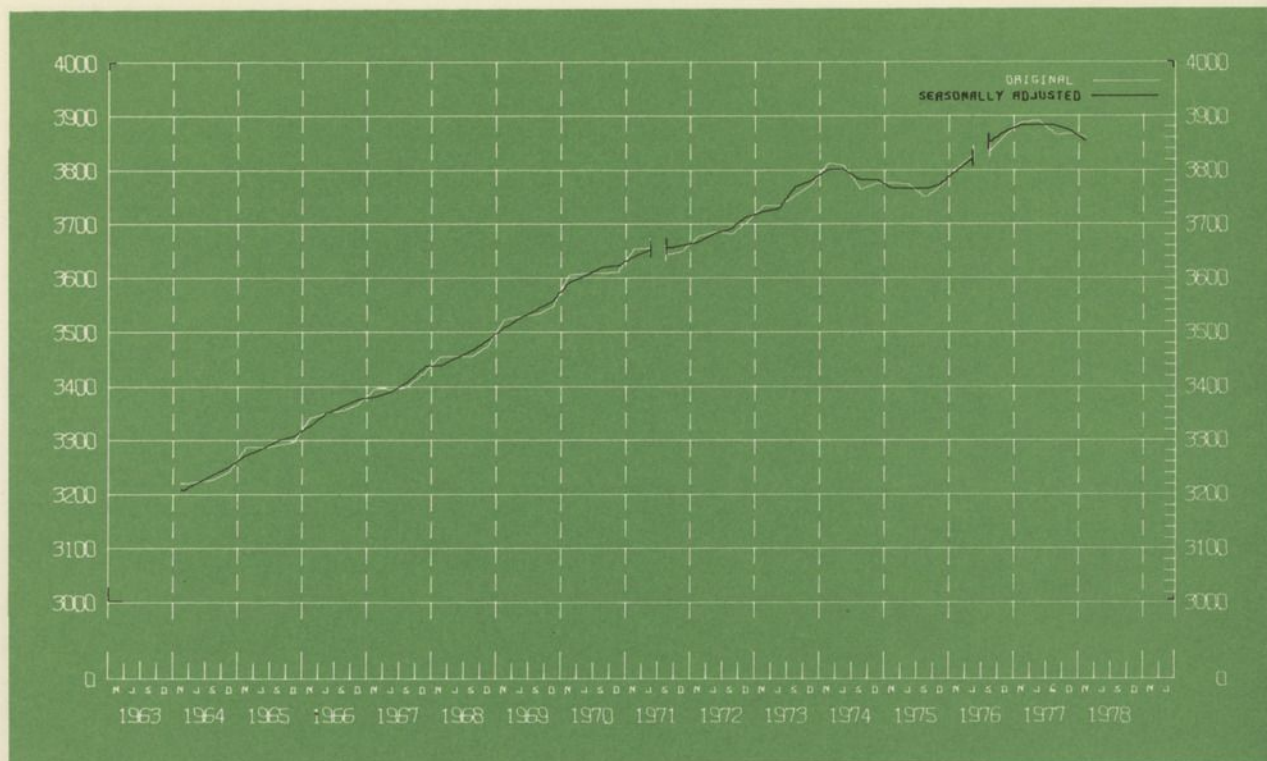
1964	33.4	33.4	33.2	33.5
1965	33.9	34.3	34.3	34.8
1966	35.0	35.1	35.6	35.7
1967	36.0	36.2	36.5	36.4
1968	36.7	37.0	37.0	36.7
1969	37.3	37.3	37.5	38.2
1970	38.3	38.9	38.9	39.2
1971	39.3	39.7	39.1A	38.7
1972	38.8	39.0	39.8	40.2
1973	40.5	40.4	40.7	40.9
1974	41.5	41.8	41.4	41.9
1975	42.0AB	42.2	42.3	43.5
1976	43.0	42.9	43.4A	42.9
1977	44.0	44.6	44.6	43.5
1978	43.4			

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

(B) THIS FIGURE EXCLUDES DARWIN AS THE POPULATION SURVEY WAS NOT CONDUCTED THERE IN FEBRUARY 1975.

## EMPLOYED MALES

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YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
		ORIGINAL		
1964	3217.7	3224.1	3228.2	3243.9
1965	3285.7	3285.7	3292.0	3298.1
1966	3342.7	3351.8	3356.8	3367.4
1967	3395.3	3392.7	3399.1	3423.6
1968	3453.5	3454.0	3456.9	3476.3
1969	3523.6	3529.9	3534.0	3547.2
1970	3606.2	3609.0	3610.4	3612.9
1971	3654.0	3656.7	3644.0A	3650.3
1972	3678.6	3686.8	3679.5	3704.8
1973	3733.5	3734.3	3754.8	3773.7
1974	3812.2	3805.4	3764.8	3776.2
1975	3773.0B	3771.9	3748.2	3769.3
1976	3804.2	3828.1	3836.3A	3866.0
1977	3890.2	3891.5	3866.8	3867.3
1978	3857.4			

## SEASONALLY ADJUSTED

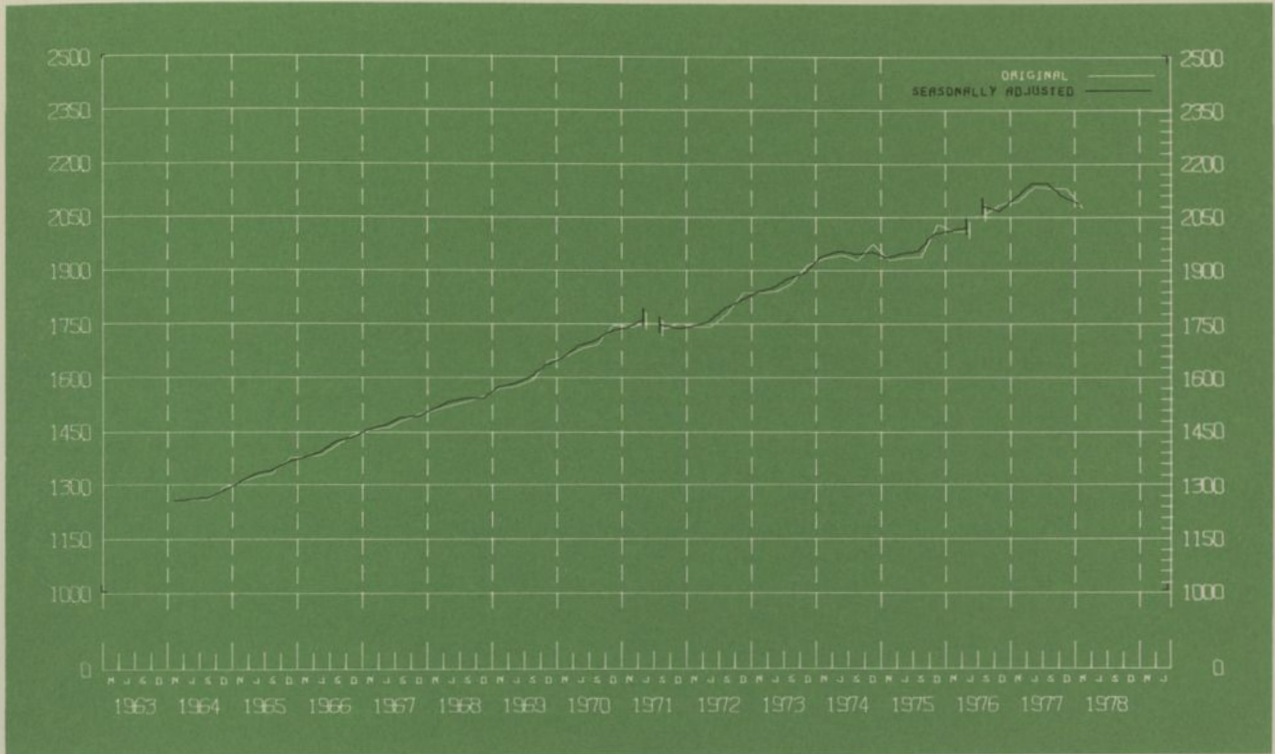
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
1964	3204.3	3221.6	3235.3	3252.9
1965	3272.0	3283.2	3299.4	3307.2
1966	3328.5	3349.3	3364.6	3376.6
1967	3380.7	3390.0	3407.3	3433.1
1968	3438.5	3451.1	3465.3	3486.1
1969	3508.6	3526.3	3542.8	3557.0
1970	3591.4	3604.9	3619.5	3622.6
1971	3639.7	3651.7	3654.0A	3659.0
1972	3665.3	3681.0	3690.6	3712.2
1973	3721.1	3727.6	3767.5	3779.5
1974	3800.8	3798.0	3778.1	3780.9
1975	3762.9B	3764.1	3761.7	3772.8
1976	3795.4	3819.8	3849.9A	3869.1
1977	3882.3	3882.6	3880.5	3870.1
1978	3850.1			

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

(B) THIS FIGURE EXCLUDES DARWIN AS THE POPULATION SURVEY WAS NOT CONDUCTED THERE IN FEBRUARY 1975.

## EMPLOYED FEMALES

'000



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1964	1258.4	1256.9	1260.2	1293.1
1965	1312.8	1327.3	1336.6	1373.7
1966	1382.2	1385.9	1416.3	1442.7
1967	1459.4	1462.3	1481.9	1502.3
1968	1514.2	1525.8	1536.5	1551.5
1969	1573.5	1578.0	1596.3	1651.4
1970	1658.5	1682.5	1696.6	1748.2
1971	1740.0	1756.7	1736.9A	1754.0
1972	1742.2	1745.3	1780.8	1836.5
1973	1839.7	1841.5	1865.5	1916.9
1974	1936.4	1944.7	1927.0	1975.5
1975	1931.0B	1938.7	1939.9	2029.8
1976	2006.5	2012.5	2061.5A	2089.0
1977	2095.1	2132.7	2128.6	2128.2
1978	2074.8			

## SEASONALLY ADJUSTED

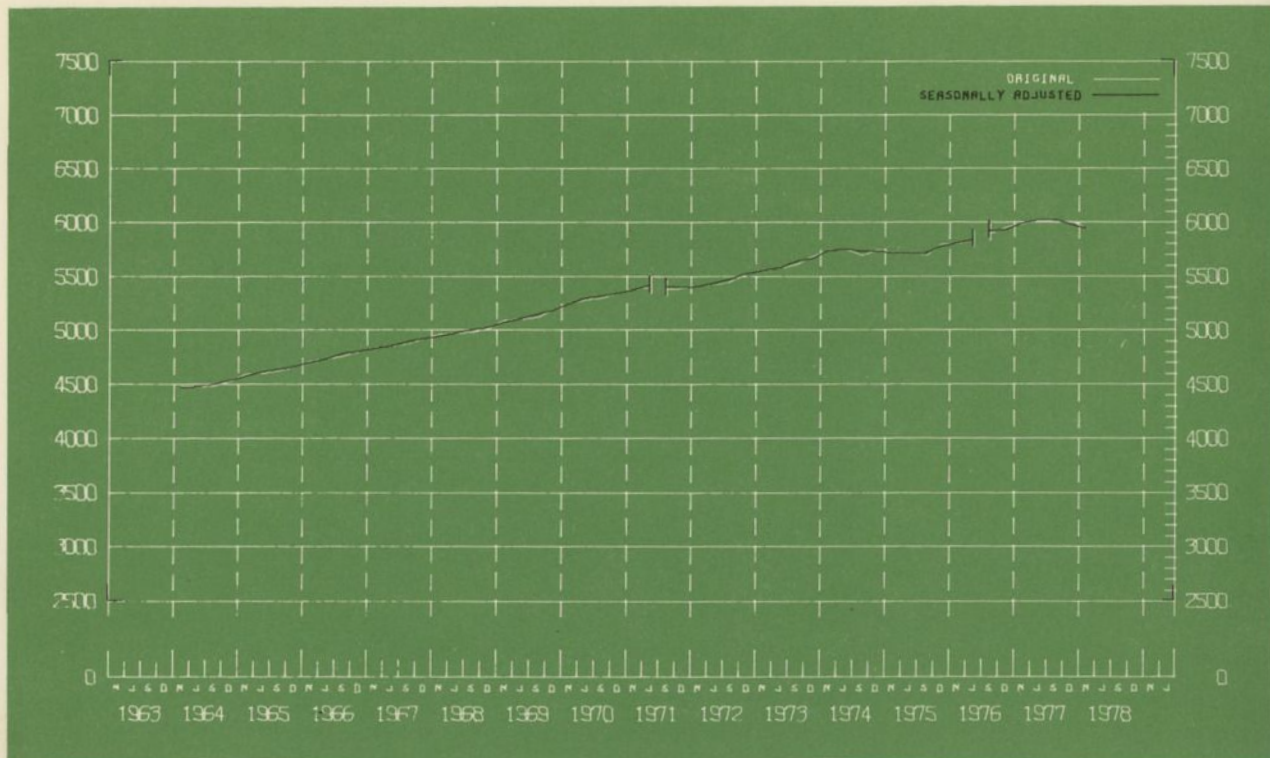
1964	1254.9	1262.0	1265.5	1286.2
1965	1309.2	1332.7	1342.0	1366.5
1966	1378.4	1391.8	1421.7	1434.8
1967	1455.9	1468.6	1487.6	1493.0
1968	1511.6	1532.6	1542.6	1540.0
1969	1572.3	1585.3	1603.0	1636.9
1970	1658.3	1691.1	1704.3	1730.8
1971	1740.4	1766.4	1745.6A	1734.7
1972	1742.9	1755.3	1791.1	1814.6
1973	1840.8	1851.6	1877.8	1892.9
1974	1938.2	1954.3	1940.6	1950.2
1975	1934.0B	1946.6	1954.3	2003.1
1976	2011.5	2019.2	2076.8A	2061.2
1977	2101.9	2138.9	2144.3	2099.6
1978	2082.3			

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

(B) THIS FIGURE EXCLUDES DARWIN AS THE POPULATION SURVEY WAS NOT CONDUCTED THERE IN FEBRUARY 1975.

## EMPLOYED PERSONS

'000



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1964	4476.2	4481.0	4488.4	4536.9
1965	4598.5	4613.0	4628.7	4671.8
1966	4724.9	4737.6	4773.1	4810.1
1967	4854.7	4855.0	4881.0	4925.9
1968	4967.7	4979.8	4993.4	5027.8
1969	5097.1	5107.9	5130.3	5198.6
1970	5264.7	5291.5	5307.0	5361.1
1971	5394.0	5413.4	5380.9A	5404.3
1972	5420.8	5432.1	5460.3	5541.3
1973	5573.3	5575.8	5620.3	5690.6
1974	5748.6	5750.1	5691.8	5751.7
1975	5704.0B	5710.6	5688.1	5799.1
1976	5810.6	5840.6	5897.8A	5955.0
1977	5985.2	6024.2	5995.4	5995.4
1978	5932.3			

## SEASONALLY ADJUSTED

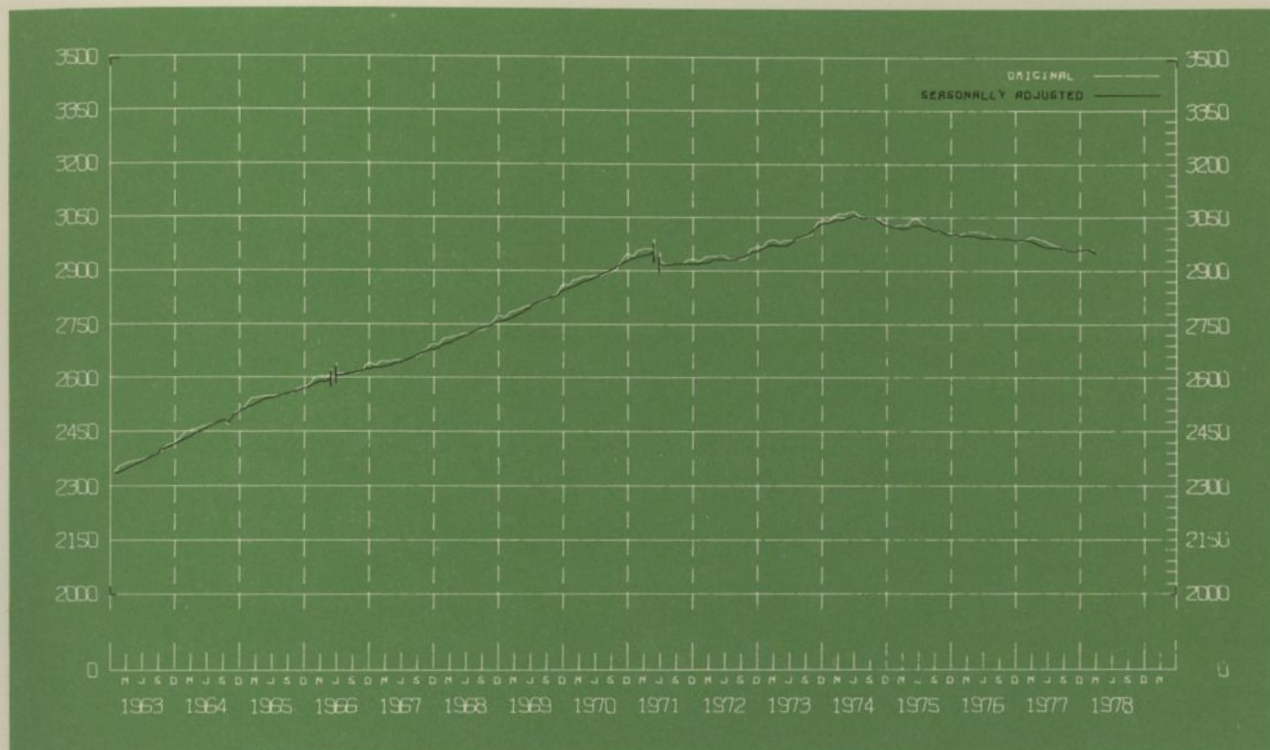
1964	4458.7	4484.7	4501.0	4538.1
1965	4580.7	4616.8	4641.7	4672.8
1966	4706.8	4741.5	4786.6	4810.6
1967	4836.6	4858.3	4895.1	4925.5
1968	4950.1	4983.8	5008.1	5025.5
1969	5080.6	5111.9	5146.2	5193.9
1970	5249.1	5296.5	5323.7	5354.0
1971	5378.9	5419.0	5399.3A	5393.8
1972	5407.2	5437.8	5481.1	5526.6
1973	5561.5	5580.9	5643.9	5672.1
1974	5739.1	5754.2	5716.2	5731.2
1975	5697.7B	5712.8	5712.5	5776.9
1976	5808.0	5840.8	5922.4A	5931.3
1977	5985.7	6022.8	6020.1	5971.2
1978	5934.2			

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

(B) THIS FIGURE EXCLUDES DARWIN AS THE POPULATION SURVEY WAS NOT CONDUCTED THERE IN FEBRUARY 1975.

## CIVILIAN EMPLOYEES - MALES

'000



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1963	2338.3	2355.7	2364.2	2367.8	2372.7	2376.2	2378.1	2383.2	2391.9	2402.7	2416.0	2418.9
1964	2431.2	2447.1	2454.5	2460.4	2465.0	2469.3	2472.5	2475.6	2481.7	2469.4A	2498.7	2510.8
1965	2519.4	2536.8	2545.4	2549.2	2553.1	2553.1	2551.8	2555.2	2557.1	2558.0	2571.9	2575.6
1966	2581.1	2599.7	2606.8	2604.7	2607.9	2612.2B	2609.8	2611.1	2610.9	2614.4	2626.6	2640.7
1967	2633.5	2646.3	2647.0	2647.5	2652.1	2650.6	2650.5	2655.8	2660.8	2668.1	2683.5	2696.3
1968	2689.6	2710.6	2715.4	2717.3	2722.9	2725.3	2727.4	2731.6	2736.4	2739.7	2756.1	2775.2
1969	2768.1	2780.5	2789.4	2792.8	2799.7	2804.9	2808.3	2812.9	2818.0	2823.6	2835.9A	2862.1
1970	2856.9	2872.4	2878.0	2885.6A	2885.6A	2887.6	2889.0	2893.2A	2899.6A	2906.6	2925.9A	2948.3
1971	2939.7	2956.2	2961.6	2960.3A	2963.2	2924.7C	2914.0	2914.4	2914.6	2916.0	2930.3	2931.9
1972	2924.5	2936.7	2941.5	2943.4	2944.9	2940.6	2931.4	2931.1	2932.8	2936.8	2962.4	2968.7
1973	2965.3	2983.1	2990.5	2978.7D	2987.3D	2985.2A	2987.0	2997.3	2997.8	3003.2	3031.1	3042.7
1974	3037.4	3049.9	3062.7	3058.4	3069.3	3068.2	3051.5A	3046.5A	3044.8	3044.1	3041.9	3029.4
1975	3015.9	3028.6	3031.8	3032.9A	3047.3	3043.5A	3029.8A	3016.8	3010.6	3008.1	3005.1	3002.3
1976	2995.1	3004.2	3011.2	3010.2	3011.0	3006.1	3000.4	2992.5	2990.3	2987.6	2990.5A	2985.1
1977	2981.5	2991.2	2994.7	2987.7	2983.2	2979.2	2968.9	2964.5	2955.3A	2954.4A	2959.6	2960.3
1978	2954.6	2962.6	2959.6									

## SEASONALLY ADJUSTED

1963	2338.0	2346.9	2354.0	2362.9	2368.1	2375.7	2382.9	2389.8	2399.4	2410.1	2416.7	2421.6
1964	2431.8	2437.9	2444.1	2454.5	2459.9	2468.5	2477.1	2482.4	2489.6	2477.7A	2499.8	2513.7
1965	2520.7	2527.1	2534.8	2542.8	2547.8	2552.0	2556.2	2561.9	2565.1	2567.1	2573.1	2577.9
1966	2582.3	2589.8	2596.4	2598.1	2602.5	2612.2B	2615.2	2618.6	2620.2	2624.9	2628.6	2631.7
1967	2635.5	2637.3	2637.8	2642.0	2647.9	2650.9	2656.0	2663.3	2670.2	2678.8	2685.3	2686.1
1968	2691.3	2701.6	2706.3	2711.7	2718.9	2725.7	2733.5	2739.6	2746.1	2750.4	2757.8	2764.2
1969	2769.5	2771.5	2780.4	2786.9	2795.7	2805.3	2815.0	2821.8	2828.0	2834.7	2837.1A	2850.6
1970	2858.0	2863.4	2868.6	2879.0A	2881.4A	2887.9	2896.3	2902.4A	2909.7A	2918.4	2927.1A	2936.7
1971	2941.1	2947.5	2951.6	2953.3A	2958.6	2923.4C	2921.2	2923.2	2926.2	2927.5	2927.1	2925.1
1972	2927.9	2929.6	2931.0	2938.9	2936.8	2937.9	2938.2	2939.4	2943.7	2947.6	2959.7	2964.0
1973	2970.4	2977.3	2980.5	2974.0D	2978.0D	2980.7A	2992.3	3005.0	3007.7	3012.9	3028.8	3040.9
1974	3044.7	3045.6	3053.2	3053.5	3059.1	3061.9	3054.7A	3052.7A	3053.5	3052.8	3041.6	3030.6
1975	3025.1	3026.2	3023.1	3027.3A	3036.3	3035.4A	3030.7A	3021.9	3018.3	3015.7	3006.7	3005.8
1976	3005.7	3002.8	3003.1	3004.0	2999.7	2997.0	3000.0	2996.7	2997.1	2994.3	2993.4A	2990.3
1977	2993.0	2990.2	2987.2	2980.8	2971.8	2969.6	2967.6	2968.4	2961.9A	2960.9A	2963.4	2966.3
1978	2966.2	2961.9	2952.4									

(A) AFFECTED BY INDUSTRIAL DISPUTE.

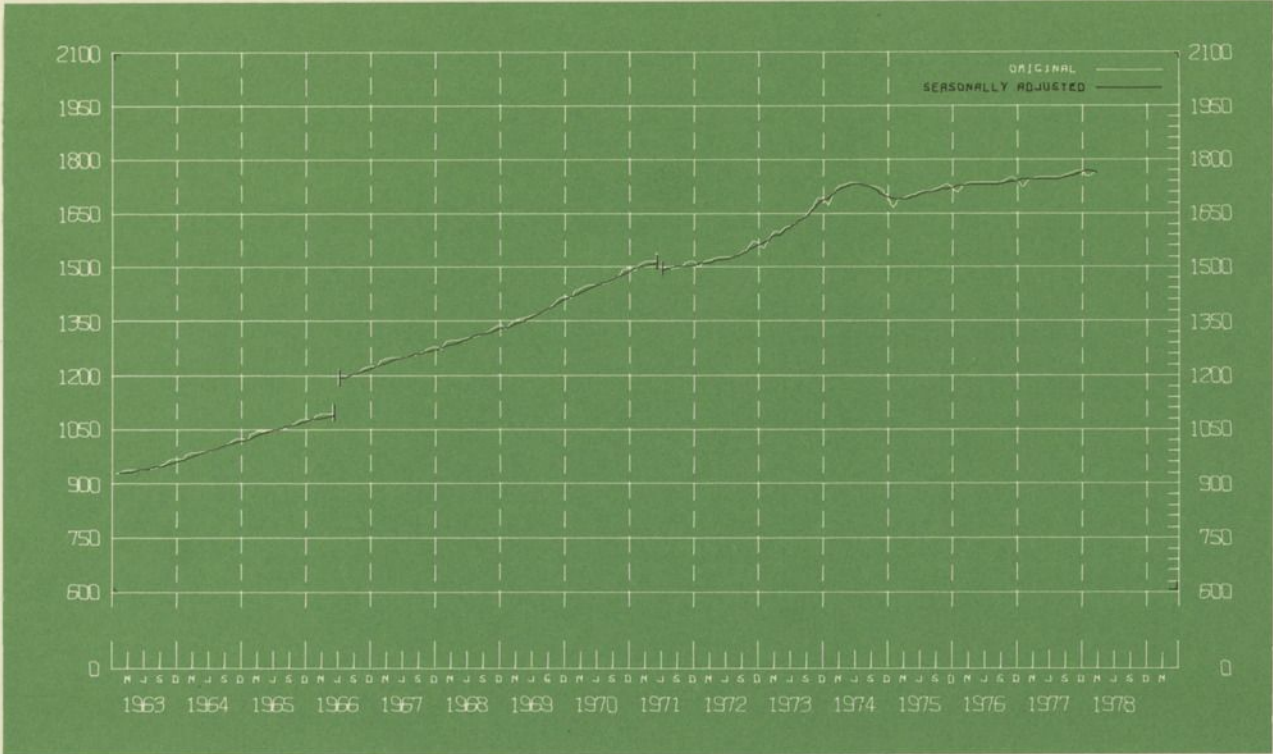
(B) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION AND ADOPTION OF NEW BENCHMARKS - SEE EXPLANATORY NOTES.

(C) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION AND ADOPTION OF NEW BENCHMARKS AND NEW INDUSTRY CLASSIFICATION - SEE EXPLANATORY NOTES.

(D) INFLUENCED BY UNUSUAL HOLIDAY PERIOD BETWEEN EASTER AND ANZAC DAY - SEE EXPLANATORY NOTES. THIS FIGURE IS ALSO AFFECTED BY INDUSTRIAL DISPUTE.

CIVILIAN EMPLOYEES - FEMALES

'000



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1963	926.0	934.7	939.9	938.5	939.0	938.6	942.3	945.4	949.7	957.7	967.5	967.3
1964	965.8	979.5	988.2	986.9	989.2	991.4	995.4	999.2	1007.9	1013.6	1025.2	1024.0
1965	1020.2	1037.5	1047.5	1047.0	1049.0	1051.0	1053.4	1056.6	1062.2	1068.9	1079.5	1076.9
1966	1074.9	1088.2	1095.0	1091.4	1092.9	1191.3A	1193.9	1199.9	1205.5	1212.6	1224.1	1226.9
1967	1220.6	1241.9	1247.7	1249.6	1250.7	1251.7	1252.7	1256.6	1260.7	1266.6	1277.5	1279.8
1968	1270.0	1291.8	1299.5	1297.6	1301.7	1304.5	1308.1	1310.6	1316.8	1322.8	1335.1	1340.2
1969	1324.5	1344.2	1357.0	1357.6	1361.3	1366.8	1370.1	1376.1	1384.2	1397.0	1414.1	1420.8
1970	1409.9	1432.8	1442.9	1447.9	1451.0	1452.8	1454.8	1457.2	1467.3	1477.0	1495.4	1501.3
1971	1487.6	1508.9	1517.4	1515.6	1517.4	1497.5B	1495.6	1497.3	1501.4	1505.9	1516.9	1513.5
1972	1496.7	1516.6	1521.2	1525.9	1528.7	1527.3	1528.2	1531.5	1540.9	1551.7	1572.3	1567.1
1973	1550.0	1578.7	1598.4	1595.9C	1611.1C	1617.7	1623.5	1634.1	1646.7	1664.3	1693.4	1692.4
1974	1670.6	1707.8	1726.8	1731.4	1737.5	1738.3	1729.4D	1722.7	1721.1	1718.0	1712.7	1691.6
1975	1662.8	1686.6	1693.0	1702.0	1704.8	1709.2	1712.6	1712.7	1718.0	1725.4	1733.0	1720.2
1976	1703.9	1725.4	1737.0	1735.8	1735.1	1733.0	1733.6	1732.9	1737.7	1744.6	1753.0	1737.8
1977	1722.5	1741.1	1749.7	1750.9	1749.3	1748.8	1748.8	1752.5	1756.8D	1762.5	1770.1	1763.5
1978	1748.0	1761.9	1764.4									

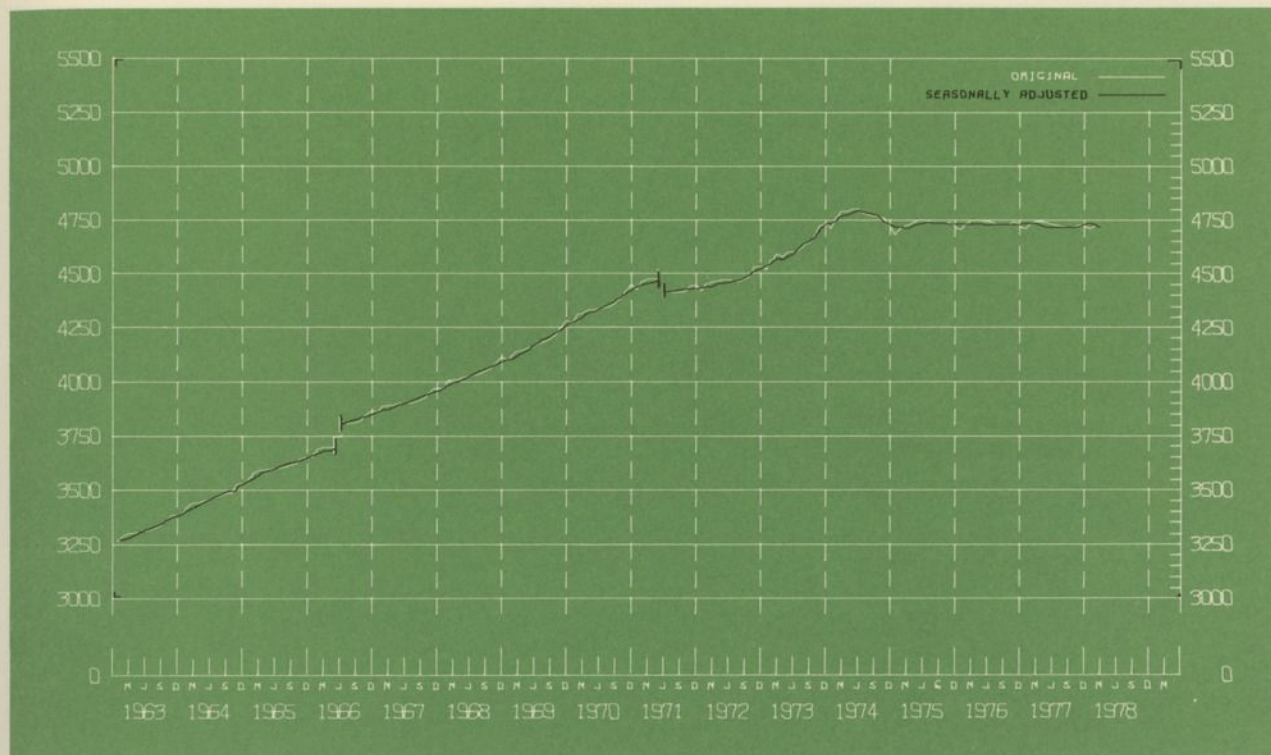
SEASONALLY ADJUSTED

1963	928.9	929.9	932.8	937.8	940.5	942.6	947.3	950.4	952.4	957.7	961.0	965.1
1964	970.1	974.9	980.9	985.6	990.2	994.8	999.9	1003.9	1010.6	1013.7	1018.9	1022.7
1965	1025.9	1033.0	1039.9	1045.1	1049.4	1053.7	1057.4	1061.0	1064.9	1069.3	1073.5	1076.1
1966	1082.1	1083.6	1087.2	1089.0	1092.8	1193.9A	1198.3	1204.8	1209.0	1213.6	1217.9	1223.1
1967	1229.9	1237.1	1239.3	1246.9	1250.5	1253.7	1257.1	1261.7	1264.4	1267.9	1271.2	1275.3
1968	1280.3	1287.2	1291.2	1294.3	1300.9	1306.3	1312.8	1316.3	1321.0	1324.1	1328.4	1334.9
1969	1335.7	1339.7	1348.8	1353.9	1359.9	1368.5	1375.1	1382.6	1388.7	1398.3	1406.2	1414.7
1970	1422.7	1428.9	1434.5	1443.9	1448.7	1454.4	1460.1	1464.2	1471.9	1478.1	1485.8	1495.0
1971	1502.7	1505.7	1508.9	1511.7	1514.2	1497.3B	1499.2	1502.6	1504.5	1505.8	1506.3	1509.9
1972	1514.5	1516.0	1514.8	1522.5	1525.4	1526.2	1531.1	1536.1	1543.3	1550.4	1560.8	1564.9
1973	1570.6	1579.5	1592.6	1592.4C	1607.1C	1615.8	1625.5	1637.9	1647.9	1661.5	1680.8	1692.0
1974	1694.6	1710.2	1721.2	1727.8	1732.8	1735.8	1730.3D	1725.3	1721.1	1714.1	1700.8	1693.6
1975	1688.0	1690.0	1688.0	1697.8	1700.2	1706.1	1712.1	1714.0	1717.0	1720.5	1722.0	1724.0
1976	1729.8	1729.6	1732.5	1731.0	1730.5	1730.2	1732.5	1733.5	1735.9	1739.0	1742.8	1742.6
1977	1747.9	1745.6	1745.8	1745.8	1745.0	1744.5	1747.4	1752.7	1754.6D	1756.6	1760.1	1769.3
1978	1773.5	1766.7	1760.8									

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION AND ADOPTION OF NEW BENCHMARKS - SEE EXPLANATORY NOTES.  
(B) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION AND ADOPTION OF NEW BENCHMARKS AND NEW INDUSTRY CLASSIFICATION - SEE EXPLANATORY NOTES.  
(C) INFLUENCED BY UNUSUAL HOLIDAY PERIOD BETWEEN EASTER AND ANZAC DAY - SEE EXPLANATORY NOTES.  
(D) AFFECTED BY INDUSTRIAL DISPUTE.

## CIVILIAN EMPLOYEES - PERSONS

'000



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1963	3264.3	3290.4	3304.1	3306.3	3311.7	3314.8	3320.3	3328.6	3341.6	3360.5	3383.5	3386.2
1964	3397.0	3426.6	3442.7	3447.3	3454.2	3460.7	3467.9	3474.8	3489.6	3483.0A	3523.9	3534.8
1965	3539.6	3574.3	3592.9	3596.2	3602.1	3604.1	3605.2	3611.8	3619.3	3626.9	3651.4	3652.5
1966	3656.0	3687.9	3701.8	3696.1	3700.8	3803.5B	3803.7	3811.0	3816.4	3827.0	3850.7	3867.6
1967	3854.1	3888.2	3894.7	3897.1	3902.8	3902.3	3903.2	3912.4	3921.5	3934.7	3961.0	3976.1
1968	3959.6	4002.4	4014.9	4014.9	4024.6	4029.8	4035.5	4042.2	4053.2	4062.5	4091.2	4115.4
1969	4092.6	4124.7	4146.4	4150.4	4161.0	4171.7	4178.4	4189.0	4202.2	4220.6	4250.0A	4282.9
1970	4266.8	4305.2	4320.9	4333.5A	4336.6A	4340.4	4343.8	4350.4A	4366.9A	4383.6	4421.3A	4449.6
1971	4427.3	4465.1	4479.0	4475.9A	4480.6	4422.3C	4409.6	4411.7	4415.9	4421.9	4447.2	4445.5
1972	4421.3	4453.3	4462.7	4469.2	4473.5	4467.9	4459.6	4462.6	4473.7	4488.5	4534.7	4535.8
1973	4515.3	4561.8	4588.9	4574.6D	4598.4D	4602.9A	4610.5	4631.3	4644.4	4667.5	4724.4	4735.1
1974	4708.0	4757.7	4789.4	4789.8	4806.8	4806.5	4780.9A	4769.2A	4765.9	4762.1	4754.6	4721.0
1975	4678.7	4715.2	4724.8	4734.9A	4752.0	4752.7A	4742.4A	4729.5	4728.7	4733.5	4738.1	4722.4
1976	4699.0	4729.6	4748.2	4746.0	4746.1	4739.1	4734.0	4725.4	4728.0	4732.2	4743.5A	4722.9
1977	4704.0	4732.3	4744.5	4738.6	4732.6	4726.2	4717.7	4717.0	4712.1A	4716.9A	4729.7	4723.7
1978	4702.6	4724.6	4724.0									

## SEASONALLY ADJUSTED

1963	3266.9	3276.8	3286.8	3300.7	3308.6	3318.3	3330.2	3340.2	3351.8	3367.8	3377.7	3386.7
1964	3401.9	3412.8	3425.0	3440.1	3450.1	3463.3	3477.0	3486.3	3500.2	3491.4A	3518.7	3536.4
1965	3546.6	3560.1	3574.7	3587.9	3597.2	3605.7	3613.6	3622.9	3630.0	3636.4	3646.6	3654.0
1966	3664.4	3673.4	3683.6	3687.1	3695.3	3806.1B	3813.5	3823.4	3829.2	3838.5	3846.5	3854.8
1967	3865.4	3874.4	3877.1	3888.9	3898.4	3904.6	3913.1	3925.0	3934.6	3946.7	3956.5	3961.4
1968	3971.6	3988.8	3997.5	4006.0	4019.8	4032.0	4046.3	4055.9	4067.1	4074.5	4086.2	4099.1
1969	4105.2	4111.2	4129.2	4140.8	4155.6	4173.8	4190.1	4204.4	4216.7	4233.0	4243.3A	4265.3
1970	4280.7	4292.3	4303.1	4322.9A	4330.1A	4342.3	4356.4	4366.6A	4381.6A	4396.5	4412.9A	4431.7
1971	4443.8	4453.2	4460.5	4465.0A	4472.8	4420.7C	4420.4	4425.8	4430.7	4433.3	4433.4	4435.0
1972	4442.4	4445.6	4445.8	4461.4	4462.2	4464.1	4469.3	4475.5	4487.0	4498.0	4520.5	4528.9
1973	4541.0	4556.8	4573.1	4566.4D	4585.1D	4596.5A	4617.8	4642.9	4655.6	4674.4	4709.6	4732.9
1974	4739.3	4755.8	4774.4	4781.3	4791.9	4797.7	4785.0A	4778.0A	4774.6	4766.9	4742.4	4724.2
1975	4713.1	4716.2	4711.1	4725.1A	4736.5	4741.5A	4742.8A	4735.9	4735.3	4736.2	4728.7	4729.8
1976	4735.5	4732.4	4735.6	4735.0	4730.2	4727.2	4732.5	4730.2	4733.0	4733.3	4736.2A	4732.9
1977	4740.9	4735.8	4733.0	4726.6	4716.8	4714.1	4715.0	4721.1	4716.5A	4717.5A	4723.5	4735.6
1978	4739.7	4728.6	4713.2									

(A) AFFECTED BY INDUSTRIAL DISPUTE.

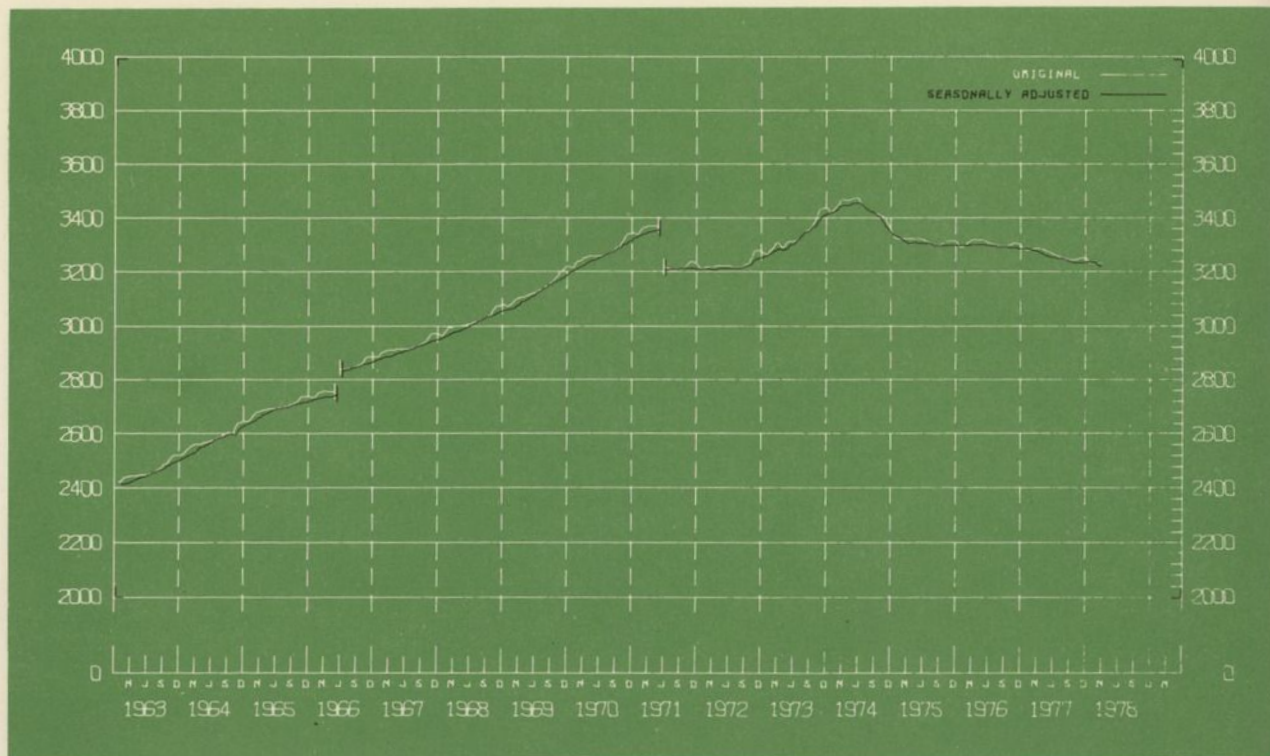
(B) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION AND ADOPTION OF NEW BENCHMARKS - SEE EXPLANATORY NOTES.

(C) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION AND ADOPTION OF NEW BENCHMARKS AND NEW INDUSTRY CLASSIFICATION - SEE EXPLANATORY NOTES.

(D) INFLUENCED BY UNUSUAL HOLIDAY PERIOD BETWEEN EASTER AND ANZAC DAY - SEE EXPLANATORY NOTES. THIS FIGURE IS ALSO AFFECTED BY INDUSTRIAL DISPUTE.

## CIVILIAN EMPLOYEES - PRIVATE

'000

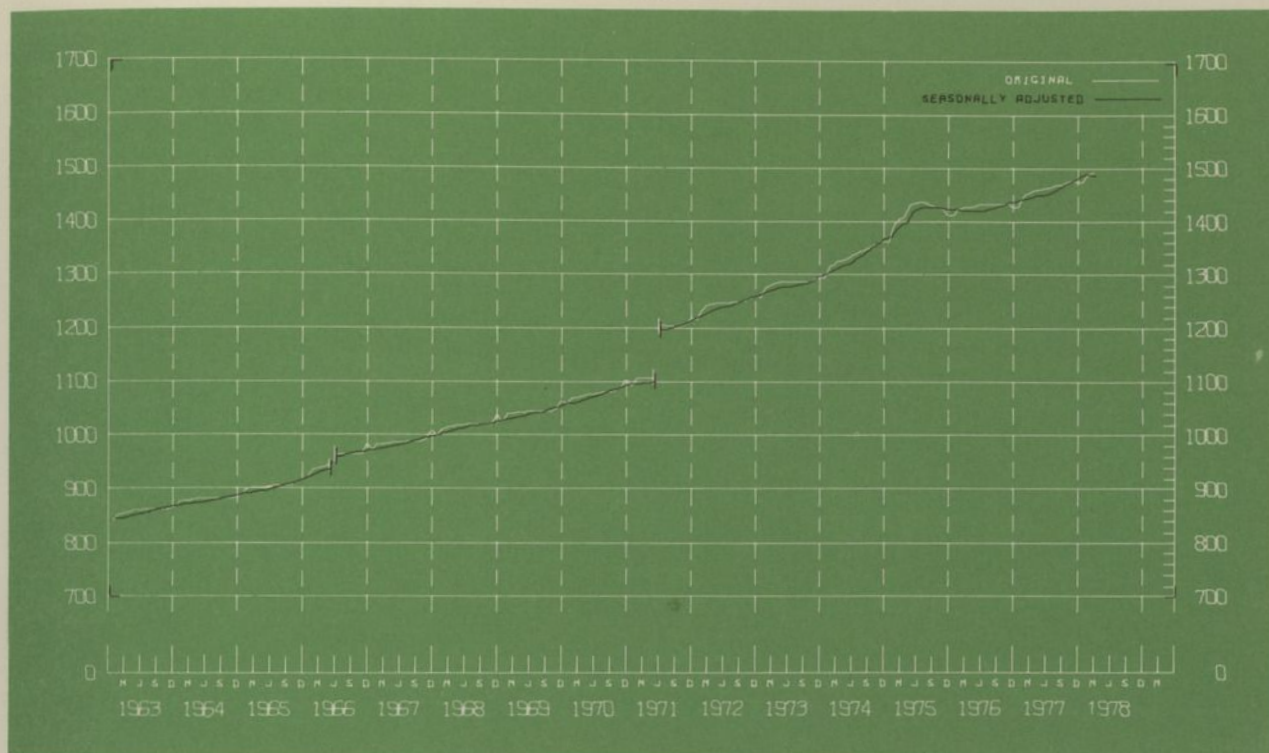


YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1963	2421.7	2438.6	2448.9	2447.6	2450.1	2452.3	2457.2	2465.8	2478.1	2497.1	2518.8	2520.9
1964	2526.8	2547.3	2562.0	2564.6	2570.9	2577.4	2584.0	2590.5	2606.3	2600.1A	2639.1	2647.9
1965	2647.1	2673.1	2689.7	2692.2	2697.3	2697.9	2698.0	2703.3	2711.5	2718.7	2738.0	2735.4
1966	2733.6	2752.3	2761.3	2753.5	2755.7	2840.3B	2838.8	2845.1	2850.9	2861.6	2883.9	2886.2
1967	2882.9	2905.0	2910.5	2911.5	2915.0	2915.3	2914.5	2923.0	2931.9	2944.0	2966.2	2968.4
1968	2961.4	2989.6	2999.4	2996.9	3004.5	3009.8	3014.0	3022.2	3033.3	3044.5	3070.3	3079.6
1969	3067.7	3085.4	3105.3	3107.2	3117.2	3125.6	3132.7	3144.6	3157.2	3174.3	3199.1A	3218.6
1970	3210.4	3235.4	3248.5	3259.0A	3259.2A	3261.7	3264.2	3267.8A	3284.4A	3300.1	3332.0	3348.5
1971	3336.4	3359.1	3370.9	3368.8A	3373.1	3219.1C	3205.5	3208.9	3213.1	3218.6	3238.6	3227.3
1972	3206.7	3221.0	3221.2	3224.0	3225.7	3220.6	3210.9	3213.5	3223.6	3237.2	3278.9	3276.7
1973	3259.7	3284.9	3306.3	3288.4D	3310.2D	3315.0A	3323.7	3344.4	3359.4	3382.8	3434.1	3438.9
1974	3416.1	3443.0	3467.0	3462.1	3475.9	3470.1	3438.5A	3423.0A	3415.4	3407.1	3394.8	3357.8
1975	3318.7	3323.9	3319.3	3324.2	3321.0	3315.7A	3304.8A	3296.2	3300.9	3309.4	3317.0	3311.1
1976	3287.5	3305.8	3321.2	3317.1	3315.5	3305.9	3299.3	3293.0	3294.7	3299.5	3307.6A	3296.1
1977	3275.3	3284.6	3288.9	3278.9	3270.3	3262.5	3251.0	3246.5	3241.3A	3241.9A	3251.9	3251.9
1978	3226.1	3233.7	3230.2									
SEASONALLY ADJUSTED												
1963	2420.4	2428.4	2436.4	2447.4	2452.2	2459.8	2469.3	2477.1	2485.2	2499.0	2507.4	2515.1
1964	2527.2	2537.5	2549.2	2562.6	2571.6	2583.4	2594.8	2601.6	2613.6	2603.0A	2628.4	2643.9
1965	2650.4	2663.6	2676.6	2688.9	2696.7	2702.5	2708.1	2713.9	2718.9	2722.5	2727.9	2731.9
1966	2738.2	2742.9	2748.5	2749.4	2754.5	2845.1B	2849.3	2856.0	2859.4	2866.4	2873.6	2878.1
1967	2888.8	2896.0	2897.8	2907.4	2913.9	2919.5	2925.0	2934.0	2940.7	2949.1	2955.7	2958.8
1968	2967.5	2981.0	2987.0	2992.3	3003.2	3013.9	3025.2	3034.0	3042.7	3049.6	3059.5	3068.6
1969	3073.9	3077.2	3093.5	3102.1	3115.5	3129.8	3144.7	3157.9	3167.1	3179.7	3187.1A	3205.6
1970	3217.2	3227.7	3236.4	3253.3A	3256.6A	3266.1	3277.1	3282.0A	3294.6A	3306.1	3318.3	3333.9
1971	3344.8	3352.5	3358.5	3363.1A	3369.3	3220.8C	3218.1	3221.5	3223.4	3222.6	3218.8	3215.3
1972	3217.7	3217.8	3211.5	3222.9	3220.9	3221.0	3223.1	3225.8	3232.9	3239.8	3258.7	3265.9
1973	3273.8	3283.7	3297.4	3287.1D	3304.1D	3314.0A	3334.7	3356.5	3367.4	3383.7	3413.6	3429.9
1974	3433.8	3444.0	3458.3	3460.2	3468.6	3467.9	3447.7A	3433.5A	3422.1	3406.7	3376.9	3351.0
1975	3337.9	3326.9	3311.5	3321.0	3313.7	3312.5A	3311.6A	3305.3	3306.3	3307.8	3302.2	3306.1
1976	3307.5	3309.7	3313.9	3312.5	3308.1	3302.3	3304.9	3301.1	3299.1	3297.1	3295.1A	3291.9
1977	3295.5	3288.7	3282.6	3273.0	3263.1	3258.9	3255.9	3254.4	3245.3A	3239.2A	3240.6	3248.1
1978	3245.9	3238.0	3224.4									

- (A) AFFECTED BY INDUSTRIAL DISPUTE.  
 (B) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION AND ADOPTION OF NEW BENCHMARKS - SEE EXPLANATORY NOTES.  
 (C) BREAK IN CONTINUITY OF SERIES DUE TO ADOPTION OF NEW BENCHMARKS, NEW INDUSTRY CLASSIFICATION AND CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.  
 (D) INFLUENCED BY UNUSUAL HOLIDAY PERIOD BETWEEN EASTER AND ANZAC DAY - SEE EXPLANATORY NOTES. THIS FIGURE IS ALSO AFFECTED BY INDUSTRIAL DISPUTE.

## CIVILIAN EMPLOYEES - GOVERNMENT PERSONS

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YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
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## ORIGINAL

1963	842.6	851.8	855.2	858.7	861.6	862.5	863.1	862.8	863.5	863.4	864.7	865.3
1964	871.2	879.3	880.7	882.7	883.3	883.3	883.9	884.3	883.3	882.9	884.8	886.9
1965	892.5	901.2	903.2	904.0	904.8	906.2	907.2	908.5	907.8	908.2	913.4	917.1
1966	922.4	935.6	940.5	942.6	945.1	963.2A	964.9	965.9	965.5	965.4	966.8	981.4
1967	971.2	983.2	984.2	985.6	987.8	987.0	988.7	989.4	989.6	990.8	994.8	1007.7
1968	998.2	1012.8	1015.5	1018.0	1020.1	1020.0	1021.5	1020.0	1019.9	1018.0	1020.9	1035.8
1969	1024.9	1039.3	1041.1	1043.2	1043.8	1046.1	1045.7	1044.4	1045.0	1046.3	1050.9	1064.3
1970	1056.4	1069.8	1072.4	1074.5	1077.4	1078.7	1079.6	1082.6	1082.5	1083.5	1089.3B	1101.2
1971	1090.9	1106.0	1108.1	1107.1	1107.5	1203.2C	1204.2	1202.9	1202.8	1203.3	1208.6	1218.1
1972	1214.5	1232.3	1241.5	1245.3	1247.8	1247.3	1248.7	1249.1	1250.1	1251.3	1255.8	1259.1
1973	1255.6	1276.9	1282.6	1286.2D	1288.1D	1287.9	1286.8	1286.9	1285.1	1284.8	1290.3	1296.2
1974	1291.9	1314.7	1322.5	1327.7	1330.9	1336.4	1342.4B	1346.2B	1350.5	1355.0	1359.8	1363.2
1975	1360.1	1391.2	1405.4	1410.7B	1431.0	1436.9	1437.6	1433.3	1427.7	1424.1	1421.1	1411.3
1976	1411.4	1423.8	1427.0	1428.9	1430.5	1433.2	1434.7	1432.5	1433.3	1432.6	1435.9	1426.8
1977	1428.7	1447.7	1455.5	1459.8	1462.3	1463.8	1466.8	1470.5	1470.8B	1475.0	1477.8	1471.8
1978	1476.5	1490.8	1493.8									

## SEASONALLY ADJUSTED

1963	846.5	848.4	850.4	853.3	856.4	858.5	860.9	863.1	866.6	868.8	870.3	871.6
1964	874.7	875.3	875.8	877.5	878.5	879.9	882.2	884.7	886.6	888.4	890.3	892.5
1965	896.2	896.5	898.1	899.0	900.5	903.2	905.5	909.0	911.1	913.9	918.7	922.1
1966	926.2	930.5	935.1	937.7	940.8	961.0A	964.2	967.4	969.8	972.1	972.9	976.7
1967	976.6	978.4	979.3	981.5	984.5	985.1	988.1	991.0	993.9	997.6	1000.8	1002.6
1968	1004.1	1007.8	1010.5	1013.7	1016.6	1018.1	1021.1	1021.9	1024.4	1024.9	1026.7	1030.5
1969	1031.3	1034.0	1035.7	1038.7	1040.1	1044.0	1045.4	1046.5	1049.6	1053.3	1056.2	1059.7
1970	1063.5	1064.6	1066.7	1069.6	1073.5	1076.2	1079.3	1084.6	1087.0	1090.4	1094.6B	1097.8
1971	1099.0	1100.7	1102.0	1101.9	1103.5	1199.9C	1202.3	1204.3	1207.3	1210.7	1214.6	1219.7
1972	1224.7	1227.8	1234.3	1238.5	1241.3	1243.1	1246.2	1249.7	1254.1	1258.2	1261.8	1263.0
1973	1267.2	1273.1	1275.7	1279.3D	1281.0D	1282.5	1283.1	1286.4	1288.2	1290.7	1296.0	1303.0
1974	1305.5	1311.8	1316.1	1321.1	1323.3	1329.8	1337.3B	1344.5B	1352.5	1360.2	1365.5	1373.2
1975	1375.2	1389.3	1399.6	1404.1B	1422.8	1429.0	1431.2	1430.6	1429.0	1428.4	1426.5	1423.7
1976	1428.0	1422.7	1421.7	1422.5	1422.1	1424.9	1427.6	1429.1	1433.9	1436.2	1441.1	1441.0
1977	1445.4	1447.1	1450.4	1453.6	1453.7	1455.2	1459.1	1466.7	1471.2B	1478.3	1482.9	1487.5
1978	1493.8	1490.6	1488.8									

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION AND ADOPTION OF NEW BENCHMARKS - SEE EXPLANATORY NOTES.

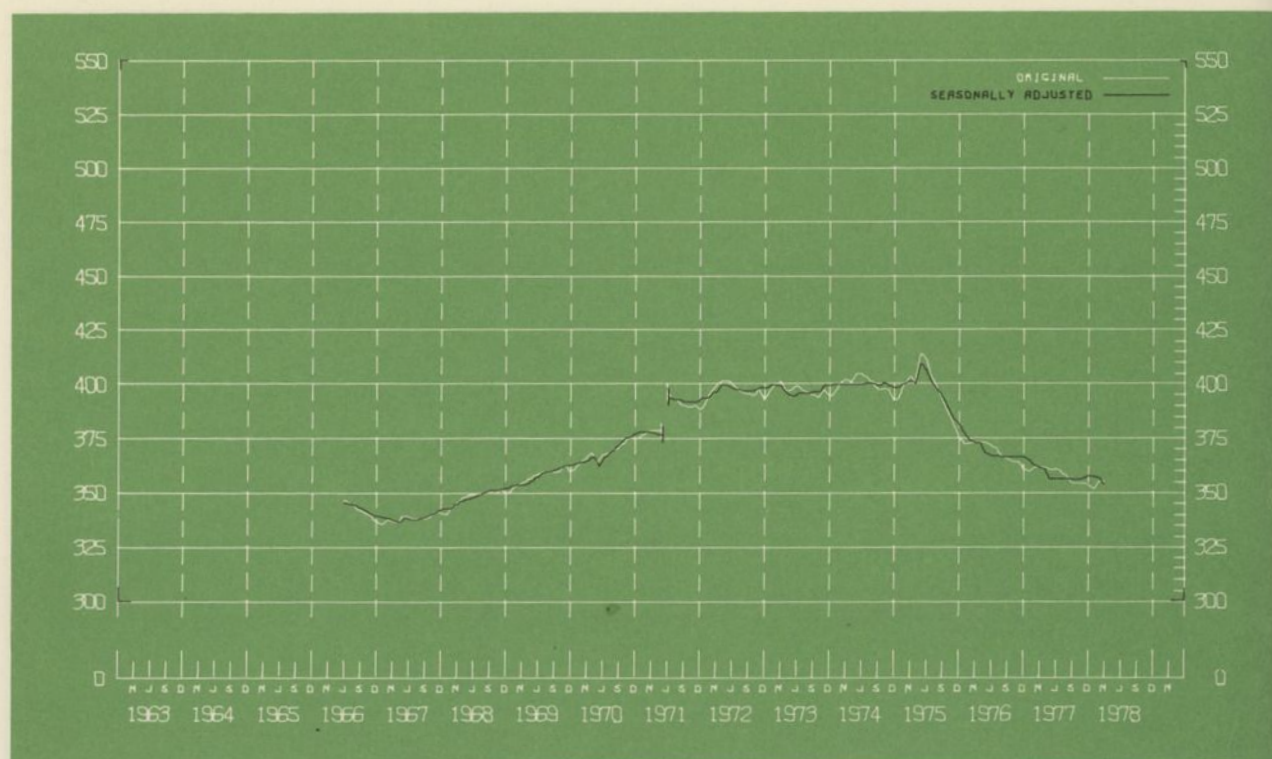
(B) AFFECTED BY INDUSTRIAL DISPUTE.

(C) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION AND ADOPTION OF NEW BENCHMARKS AND NEW INDUSTRY CLASSIFICATION - SEE EXPLANATORY NOTES.

(D) INFLUENCED BY UNUSUAL HOLIDAY PERIOD BETWEEN EASTER AND ANZAC DAY - SEE EXPLANATORY NOTES.

## CIVILIAN EMPLOYEES - CONSTRUCTION (A)

'000



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1966						345.9	344.5	343.1	341.2	339.9	338.6	336.0
1967	335.2	337.3	336.0	336.5	339.4	338.0	337.7	338.2	338.4	339.0	341.3	340.1
1968	339.7	343.7	345.2	347.6	348.8	349.5	349.9	349.9	350.5	349.7	351.4	349.7
1969	351.0	353.7	354.5	355.8	357.6	358.9	360.0	359.2	359.5	360.2	362.6	359.7
1970	361.7	364.2	365.8	368.4	363.3B	367.3	368.5	369.3	371.1	373.1	375.3	374.4
1971	376.1	377.7	378.8	378.5	378.4	395.9C	392.8	391.3	389.5	389.0	390.4	388.1
1972	390.6	396.2	399.2	401.3	402.1	400.0	397.5	395.5	394.8	394.5	397.3	392.4
1973	396.4	400.2	401.3	396.5D	397.7D	399.4	397.1	395.6	394.5	393.7	397.4	394.1
1974	396.0	400.2	402.4	400.6	404.5	404.7	402.7	400.3	397.2	398.2	396.9	391.9
1975	393.8	400.5	403.6	400.5B	414.2	411.5B	403.1B	397.9	392.6	386.5	381.3	375.4
1976	371.8	372.9	373.4	372.9	372.4	371.0	369.7	366.2	365.2	363.5	363.8	360.4
1977	358.8	361.3	361.6	360.9	360.2	361.0	358.9	356.8	354.2	354.0	353.8	352.8
1978	350.9	354.9	354.3									

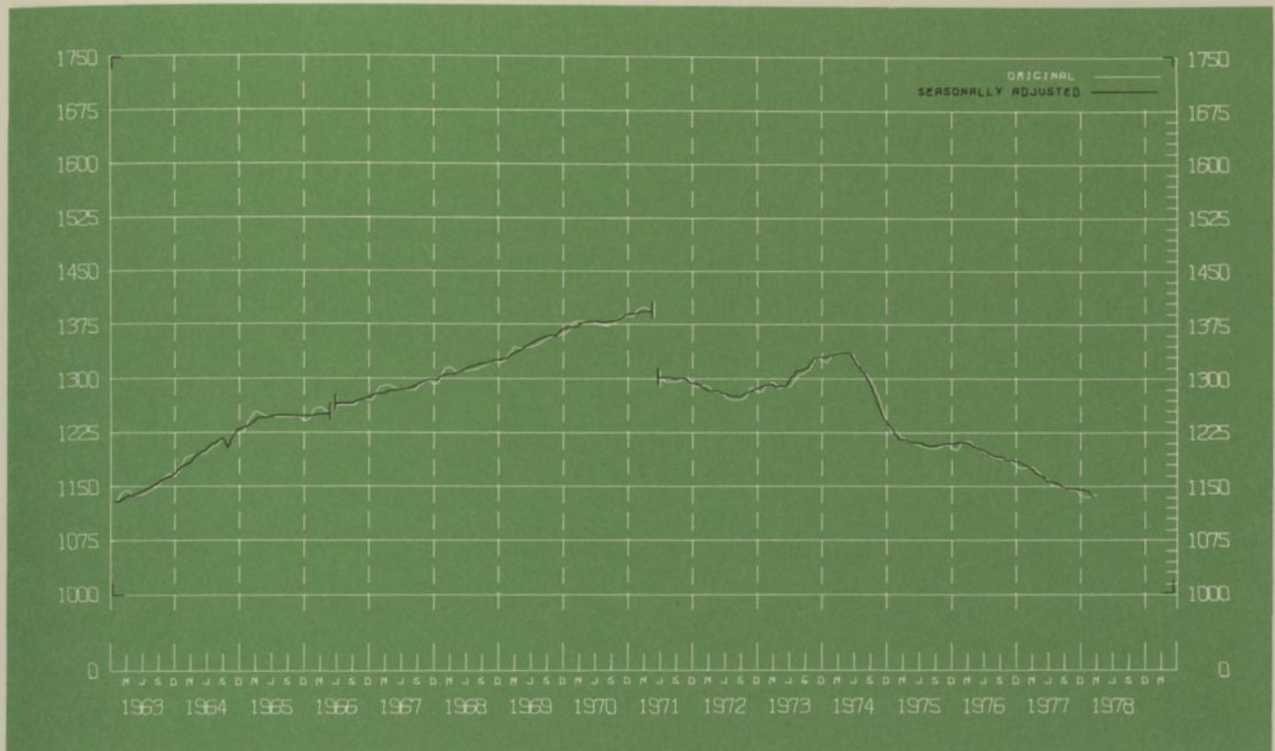
## SEASONALLY ADJUSTED

1966						344.6	343.7	342.9	341.4	340.6	338.5	338.1
1967	337.4	337.2	335.9	335.4	337.8	336.7	336.9	338.1	338.7	339.8	341.2	342.3
1968	341.8	343.5	344.9	346.3	347.1	348.2	349.1	350.0	351.1	350.7	351.4	352.0
1969	353.1	353.5	353.7	354.0	355.8	357.6	359.4	359.6	360.4	361.5	362.7	362.3
1970	363.6	363.9	364.4	366.3	361.3B	365.7	367.9	369.9	372.4	374.9	375.6	377.3
1971	378.1	377.4	376.8	376.2	376.0	393.7C	392.1	392.1	391.2	391.1	391.0	392.8
1972	393.0	394.8	396.6	399.4	398.8	396.9	396.5	396.1	396.7	396.8	398.3	397.5
1973	399.5	399.2	398.7	395.1D	393.6D	395.4	395.6	395.9	396.3	396.0	398.8	399.6
1974	399.9	399.7	400.0	399.7	399.7	399.8	400.5	400.1	398.6	400.5	398.7	397.5
1975	398.6	400.7	401.5	399.6B	409.1	406.0B	400.2B	397.2	393.7	388.5	383.4	380.8
1976	377.0	373.5	371.8	372.2	367.7	365.8	366.7	365.3	366.0	365.3	366.1	365.4
1977	364.3	362.1	360.3	360.2	355.5	355.8	355.9	355.8	354.9	355.7	356.2	357.7
1978	356.5	355.8	353.1									

- (A) ESTIMATES PRIOR TO JUNE 1971 REFER TO THE INDUSTRY GROUP 'BUILDING AND CONSTRUCTION' AND WERE BASED ON A DIFFERENT INDUSTRY CLASSIFICATION.  
 (B) AFFECTED BY INDUSTRIAL DISPUTE.  
 (C) BREAK IN CONTINUITY OF SERIES DUE TO ADOPTION OF NEW BENCHMARKS AND NEW INDUSTRY CLASSIFICATION - SEE EXPLANATORY NOTES.  
 (D) INFLUENCED BY UNUSUAL HOLIDAY PERIOD BETWEEN EASTER AND ANZAC DAY - SEE EXPLANATORY NOTES.

CIVILIAN EMPLOYEES - MANUFACTURING  
PERSONS

'000



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1963	1127.0	1139.4	1145.1	1138.0	1137.4	1139.1	1142.4	1146.9	1151.9	1161.3	1167.3	1161.6
1964	1172.0	1188.4	1192.9	1194.4	1195.1	1198.5	1204.0	1207.8	1213.8	1200.6A	1223.2	1223.1
1965	1228.4	1244.1	1252.8	1248.6	1246.4	1246.1	1245.0	1245.3	1245.1	1244.2	1247.0	1240.5
1966	1243.5	1256.7	1261.5	1253.3	1254.0	1263.1B	1261.9	1261.9	1261.6	1266.8	1272.4	1266.3
1967	1272.7	1286.6	1290.4	1287.8	1284.8	1283.1	1282.2	1282.6	1286.8	1292.3	1299.1	1291.1
1968	1294.4	1311.3	1316.2	1309.0	1309.7	1310.0	1312.1	1314.0	1316.9	1320.1	1326.0	1320.4
1969	1323.3	1334.6	1344.1	1340.7	1342.9	1344.6	1347.2	1351.0	1355.5	1359.3	1360.7A	1363.2
1970	1366.5	1378.1	1381.0	1380.9A	1380.9	1376.5	1373.6	1372.3A	1375.8A	1379.1	1388.1A	1385.0
1971	1386.3	1396.3	1400.5	1394.7A	1395.1	1298.9C	1294.3	1293.9	1295.2	1298.5	1303.6	1288.2
1972	1286.1	1290.8	1286.8	1279.9	1279.3	1274.6	1269.2	1268.9	1270.4	1276.2	1287.3	1280.8
1973	1281.9	1293.0	1295.8	1285.7D	1289.7D	1287.4A	1297.0	1305.9	1308.9	1315.0	1329.6	1324.5
1974	1320.4	1332.3	1337.7	1334.6	1335.7	1331.4	1314.8A	1305.5	1297.9	1283.1	1265.5	1239.4
1975	1225.6	1223.4	1216.7	1213.4	1208.4	1204.8	1203.0	1200.3	1201.0	1205.6	1208.3	1201.9
1976	1198.5	1209.3	1213.1	1206.3	1203.2	1196.9	1192.9	1187.3	1186.7	1187.3	1184.4A	1176.7
1977	1172.5	1177.1	1177.5	1169.3	1162.3	1156.2	1148.3	1147.4	1145.2A	1142.8A	1144.2	1136.3
1978	1132.7	1138.6	1135.6									

## SEASONALLY ADJUSTED

1963	1127.2	1131.2	1136.2	1137.4	1139.4	1143.7	1147.4	1150.8	1154.7	1160.2	1164.0	1166.4
1964	1173.9	1180.4	1183.1	1192.5	1196.0	1201.7	1208.1	1211.5	1216.9	1200.8A	1221.1	1229.3
1965	1231.8	1236.0	1242.1	1245.5	1246.3	1248.2	1248.3	1249.1	1248.3	1245.6	1245.7	1247.1
1966	1247.6	1248.9	1250.7	1249.5	1253.2	1264.7B	1265.0	1265.8	1265.0	1268.6	1271.3	1272.8
1967	1277.0	1279.0	1279.6	1283.8	1283.4	1284.5	1285.5	1286.7	1290.4	1294.2	1297.8	1296.8
1968	1298.5	1304.2	1305.8	1305.3	1308.3	1311.4	1315.8	1318.6	1320.5	1321.6	1323.8	1325.2
1969	1327.0	1327.8	1334.6	1337.5	1341.6	1346.0	1351.4	1356.0	1359.1	1360.4	1357.2A	1367.1
1970	1369.9	1371.7	1372.3	1378.7A	1379.9	1378.2	1378.0	1377.1A	1379.1A	1379.8	1383.2A	1388.1
1971	1389.8	1390.5	1392.9	1393.5A	1394.1	1300.4C	1298.5	1297.8	1297.7	1298.7	1298.0	1290.8
1972	1290.0	1286.4	1280.9	1279.5	1278.4	1275.9	1272.8	1272.0	1272.2	1275.7	1281.2	1283.9
1973	1287.0	1289.4	1290.6	1285.4D	1288.5D	1288.2A	1300.1	1308.5	1310.0	1313.8	1323.6	1328.4
1974	1326.9	1329.5	1332.5	1333.9	1334.3	1332.0	1317.3A	1307.4	1298.4	1281.5	1260.6	1243.5
1975	1232.7	1221.5	1211.9	1212.1	1206.7	1204.9	1205.0	1202.0	1201.0	1203.9	1204.8	1206.3
1976	1205.8	1207.8	1208.2	1204.2	1201.4	1196.7	1194.8	1189.0	1186.7	1185.5	1181.5A	1181.2
1977	1179.7	1175.7	1172.7	1166.8	1160.5	1155.8	1150.1	1149.3	1145.3A	1141.0A	1141.7	1140.7
1978	1139.5	1137.3	1131.0									

(A) AFFECTED BY INDUSTRIAL DISPUTE.

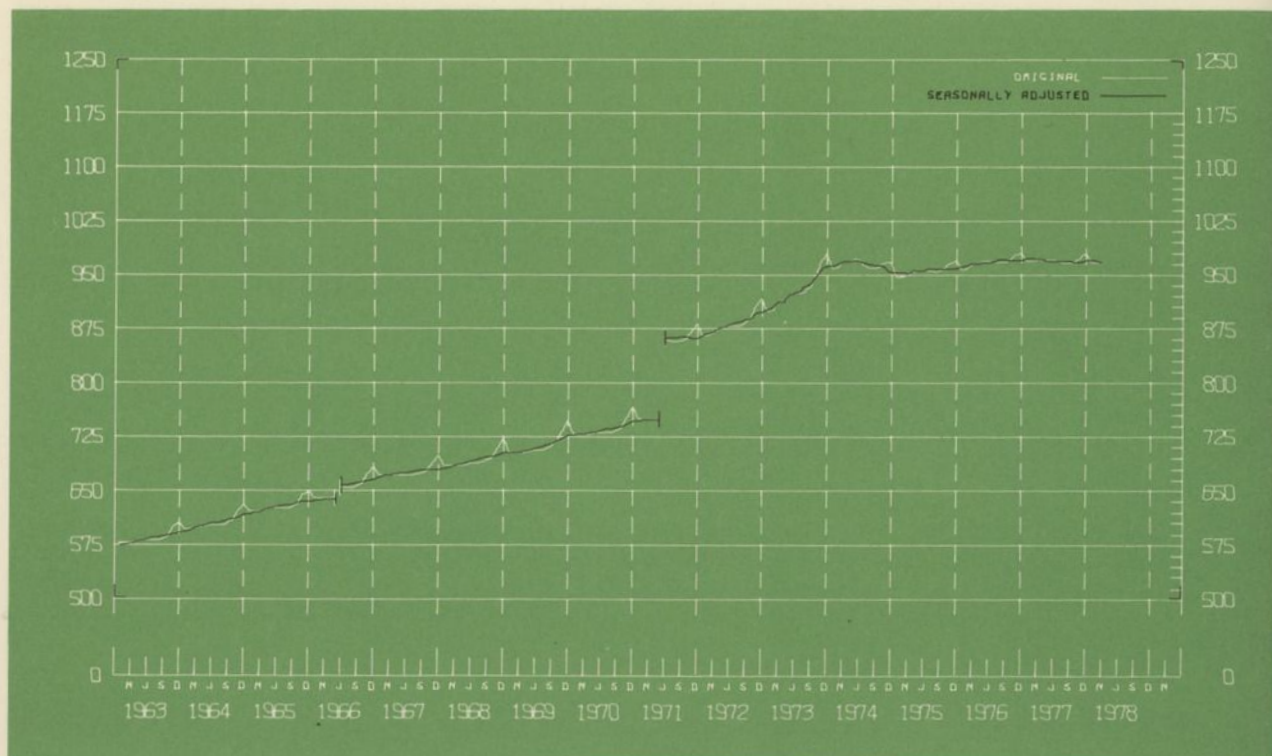
(B) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION AND ADOPTION OF NEW BENCHMARKS - SEE EXPLANATORY NOTES.

(C) BREAK IN CONTINUITY OF SERIES DUE TO ADOPTION OF NEW BENCHMARKS AND NEW INDUSTRY CLASSIFICATION - SEE EXPLANATORY NOTES.

(D) INFLUENCED BY UNUSUAL HOLIDAY PERIOD BETWEEN EASTER AND ANZAC DAY - SEE EXPLANATORY NOTES. THIS FIGURE IS ALSO AFFECTED BY INDUSTRIAL DISPUTE.

CIVILIAN EMPLOYEES - WHOLESALE AND RETAIL TRADE (A)  
PERSONS

'000



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1963	576.1	576.6	578.3	579.9	581.9	580.3	580.6	581.0	583.7	588.6	600.1	607.0
1964	595.5	596.7	599.6	600.3	602.6	602.9	601.3	602.7	607.0	610.8	623.5	631.2
1965	619.9	620.7	620.5	623.9	626.8	625.9	625.1	626.1	628.3	633.2	645.5	647.8
1966	638.8	637.3	637.6	638.1	638.7	653.8B	652.4	654.6	657.5	661.8	673.9	683.1
1967	670.9	671.0	670.2	672.0	672.8	673.2	671.5	673.5	675.0	678.3	689.6	698.4
1968	683.2	682.3	683.3	684.7	686.7	689.2	688.4	690.2	693.4	696.5	709.0	723.3
1969	702.9	700.5	701.3	702.6	705.0	707.0	705.1	708.3	712.3	718.5	733.0	747.0
1970	728.6	726.8	726.8	728.3	731.5	730.9	731.2	730.4	734.3	739.1	752.1	766.4
1971	748.3	746.0	746.2	746.9	747.9	860.0C	856.0	856.4	858.7	861.3	871.7	880.3
1972	862.7	865.8	869.5	875.3	878.3	879.4	877.5	879.1	883.9	890.2	908.7	916.8
1973	897.4	900.4	911.8	910.4D	921.8D	925.4	922.5	927.8	933.0	947.3	968.9	978.8
1974	958.0	960.7	968.7	967.9	972.7	969.2	960.8	957.4	958.1	964.1	967.8	964.3
1975	946.0	947.5	949.6	955.1	955.9	955.7	955.8	952.3	955.8	960.9	966.6	969.5
1976	956.1	959.0	965.0	966.8	969.8	968.4	966.8	967.4	968.1	971.7	978.6	980.3
1977	967.4	969.1	970.3	971.2	969.4	968.9	967.2	965.2	965.1	967.6	974.4	980.1
1978	964.3	964.7	964.2									

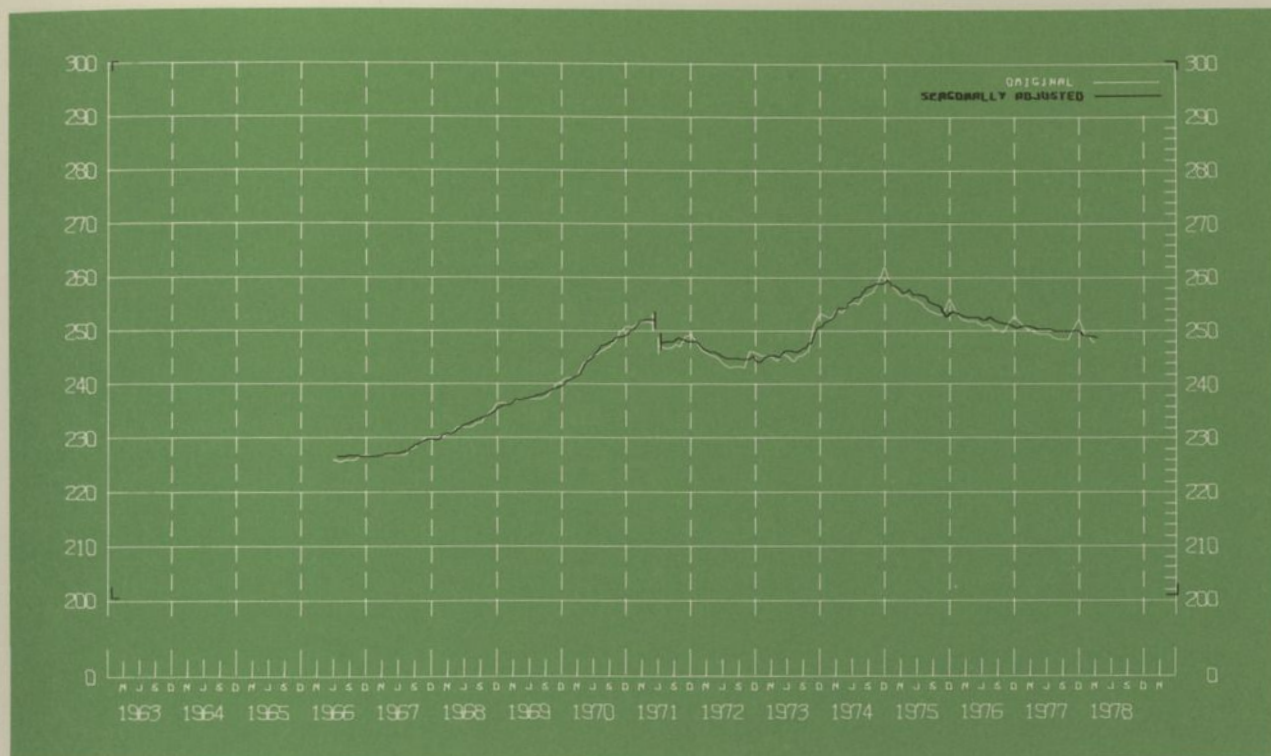
## SEASONALLY ADJUSTED

1963	574.1	576.4	578.3	581.6	583.0	583.6	586.7	587.2	588.0	590.3	591.0	593.7
1964	593.9	596.7	600.2	601.8	603.7	606.0	607.1	608.7	611.3	612.3	614.3	617.8
1965	618.5	621.0	621.6	625.4	628.1	628.7	630.7	631.8	632.5	634.6	636.2	634.2
1966	637.4	637.8	639.2	639.7	640.2	656.8B	658.3	660.3	661.9	663.4	664.6	665.9
1967	669.7	672.0	672.4	674.3	674.9	676.1	677.4	679.2	679.3	679.9	680.3	680.5
1968	682.0	683.7	685.8	687.2	688.9	692.1	694.2	695.9	697.6	698.0	699.7	704.6
1969	701.8	702.2	704.0	705.2	707.1	709.8	710.8	714.1	716.5	720.1	723.6	727.9
1970	727.8	729.0	729.5	731.0	733.0	733.3	736.9	736.3	738.6	740.6	742.5	747.8
1971	748.0	748.8	748.7	749.7	748.6	862.1C	862.3	863.3	863.8	862.5	860.6	860.9
1972	866.1	869.5	870.6	876.9	878.2	880.7	883.3	885.8	889.0	890.7	897.4	899.3
1973	901.7	904.7	912.8	911.7D	920.8D	926.0	927.8	934.3	937.9	947.0	957.5	963.1
1974	963.3	965.6	969.6	968.9	971.2	969.2	965.3	963.3	962.5	963.2	957.4	951.3
1975	951.7	952.4	950.6	955.7	954.2	955.5	959.3	957.4	959.6	959.5	957.4	958.3
1976	962.1	963.8	966.2	966.9	968.2	968.1	969.5	972.0	971.3	970.1	970.4	970.1
1977	973.5	973.7	971.7	970.8	967.9	968.7	969.5	969.4	967.9	966.0	966.8	970.5
1978	970.2	969.2	965.7									

- (A) ESTIMATES PRIOR TO JUNE 1971 REFER TO THE INDUSTRY GROUP 'COMMERCE' AND WERE BASED ON A DIFFERENT INDUSTRY CLASSIFICATION.
- (B) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION AND ADOPTION OF NEW BENCHMARKS - SEE EXPLANATORY NOTES.
- (C) BREAK IN CONTINUITY OF SERIES DUE TO ADOPTION OF NEW BENCHMARKS AND NEW INDUSTRY CLASSIFICATION - SEE EXPLANATORY NOTES.
- (D) INFLUENCED BY UNUSUAL HOLIDAY PERIOD BETWEEN EASTER AND ANZAC DAY - SEE EXPLANATORY NOTES.

CIVILIAN EMPLOYEES - TRANSPORT AND STORAGE  
PERSONS

'000



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1966						225.7	225.4	225.9	226.0	225.9	226.8	227.0
1967	226.4	226.3	226.8	226.9	227.0	226.8	226.7	227.8	228.3	229.3	230.2	229.9
1968	230.1	230.6	230.7	231.4	232.1	232.2	232.0	232.8	233.0	234.1	235.2	236.4
1969	236.3	236.0	236.9	237.3	237.3	237.1	237.1	237.4	237.7	238.8	239.9	240.8
1970	241.2	241.4	241.7	243.8	244.5	245.4	245.9	246.6	247.1	248.0	249.7	250.7
1971	250.6	251.4	251.8	251.6	251.4	247.1A	246.6	246.6	247.3	247.0	248.7	249.5
1972	247.8	246.3	245.5	245.1	244.7	243.8	243.0	243.3	243.1	243.0	246.1	245.7
1973	245.2	245.2	244.9	244.1B	245.6B	245.1	244.2	245.1	245.5	246.4	251.4	253.2
1974	252.5	252.1	253.8	253.1	254.7	255.3	254.8C	256.4	256.9	257.3	259.5	261.9
1975	258.8	257.5	256.3	256.7	255.8	255.5	254.8	253.7	253.1	252.6	253.3	256.0
1976	253.7	252.1	251.5	251.6	251.6	250.8	251.2	250.3	249.8	249.6	251.5	252.8
1977	251.3	250.4	249.7	249.3	249.2	249.3	248.6	248.2	248.1	248.3	250.6	252.1
1978	249.2	248.3	247.6									

## SEASONALLY ADJUSTED

1966						226.0	226.2	226.3	226.5	225.9	226.2	226.3
1967	226.1	226.3	226.8	226.7	226.9	227.1	227.5	228.2	228.8	229.4	229.6	229.1
1968	229.8	230.6	230.7	231.2	232.0	232.5	232.8	233.3	233.6	234.2	234.5	235.5
1969	235.9	235.9	236.9	237.1	237.2	237.3	237.9	238.0	238.4	239.1	239.1	239.7
1970	240.7	241.3	241.7	243.7	244.5	245.7	246.8	247.4	247.9	248.5	248.7	249.3
1971	249.9	251.2	251.7	251.6	251.4	247.4A	247.6	247.5	248.2	247.8	247.4	247.7
1972	247.0	246.0	245.4	245.3	244.8	244.2	244.1	244.3	244.0	243.9	244.7	243.5
1973	244.3	245.0	244.9	244.5B	245.7B	245.5	245.4	246.1	246.5	247.4	250.0	250.6
1974	251.5	251.9	253.9	253.6	254.9	255.8	255.9C	257.4	258.0	258.4	258.1	258.9
1975	257.7	257.4	256.5	257.2	256.0	256.0	255.7	254.7	254.2	253.6	252.1	252.9
1976	252.7	252.0	251.8	252.1	251.9	251.2	252.0	251.2	250.9	250.6	250.5	249.7
1977	250.4	250.4	250.1	249.7	249.5	249.7	249.2	249.1	249.1	249.2	249.7	249.1
1978	248.3	248.3	248.0									

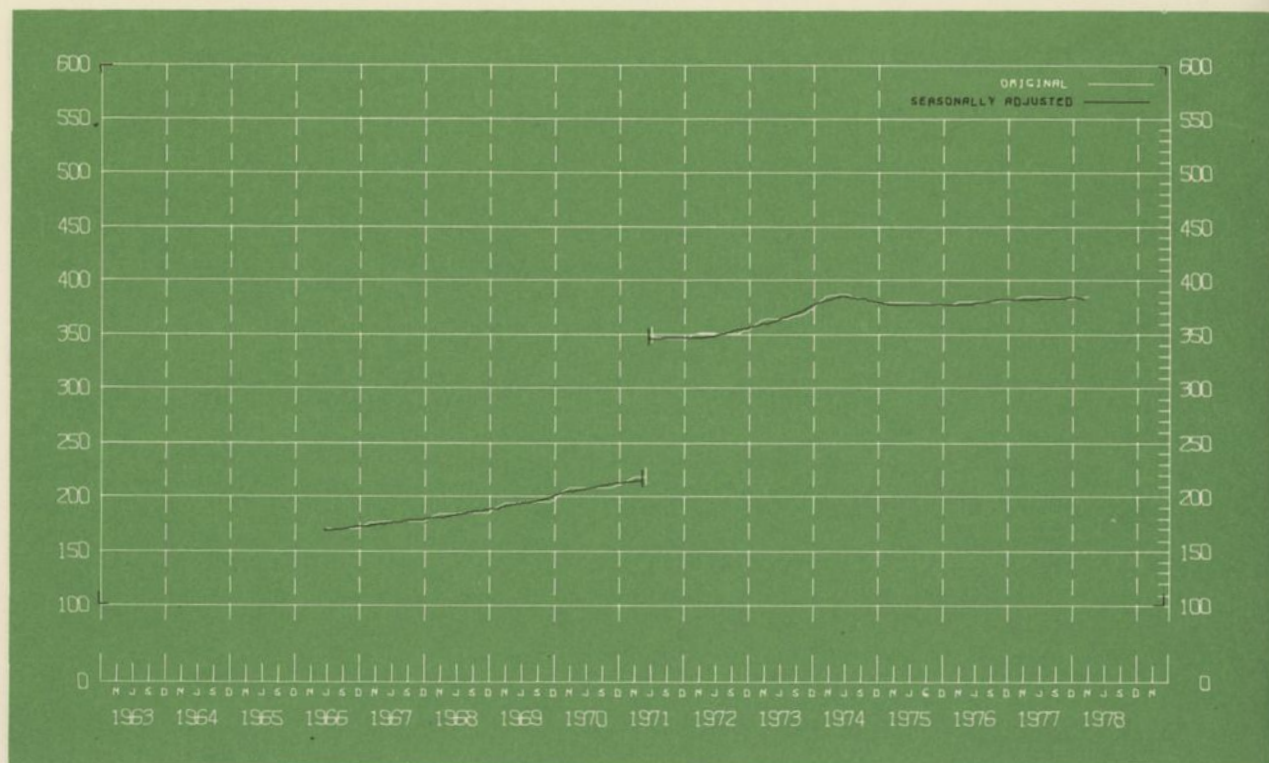
(A) BREAK IN CONTINUITY OF SERIES DUE TO ADOPTION OF NEW BENCHMARKS AND NEW INDUSTRY CLASSIFICATION - SEE EXPLANATORY NOTES.

(B) INFLUENCED BY UNUSUAL HOLIDAY PERIOD BETWEEN EASTER AND ANZAC DAY - SEE EXPLANATORY NOTES.

(C) AFFECTED BY INDUSTRIAL DISPUTE.

CIVILIAN EMPLOYEES - FINANCE, INSURANCE, REAL ESTATE AND BUSINESS SERVICES (A)  
PERSONS

'000



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1966						170.3	169.8	170.0	169.7	169.6	170.1	171.8
1967	174.5	176.8	177.1	177.6	177.6	177.7	177.9	177.6	177.7	177.5	177.5	178.2
1968	181.0	184.1	184.8	184.5	184.8	185.1	185.5	185.2	185.1	185.2	185.5	186.4
1969	189.7	193.0	194.5	195.1	195.4	195.6	195.9	195.4	195.2	195.4	196.3	198.4
1970	202.6	207.4	209.2	208.8	208.5	208.8	209.0	208.6	208.9	209.1	210.1	211.6
1971	213.7	217.2	218.8	218.3	218.0	348.0B	345.8	345.6	344.9	344.5	345.5	344.5
1972	348.0	351.3	351.9	351.7	351.6	350.2	349.4	350.5	350.8	351.4	353.9	354.0
1973	357.9	362.2	365.0	364.2C	365.4C	365.1	365.4	366.9	368.1	368.9	372.2	374.8
1974	379.5	384.0	386.5	386.8	388.2	387.9	383.8	382.8	381.5	380.5	379.4	377.5
1975	379.1	380.2	380.1	380.0	380.3	379.5	378.3	377.5	377.5	377.0	376.1	375.8
1976	376.8	378.7	380.8	380.7	380.0	380.3	380.5	380.3	381.1	381.0	382.1	382.1
1977	382.8	384.5	385.9	384.9	385.5	385.0	384.4	383.8	383.6	383.1	382.3	383.8
1978	383.8	385.1	385.6									

## SEASONALLY ADJUSTED

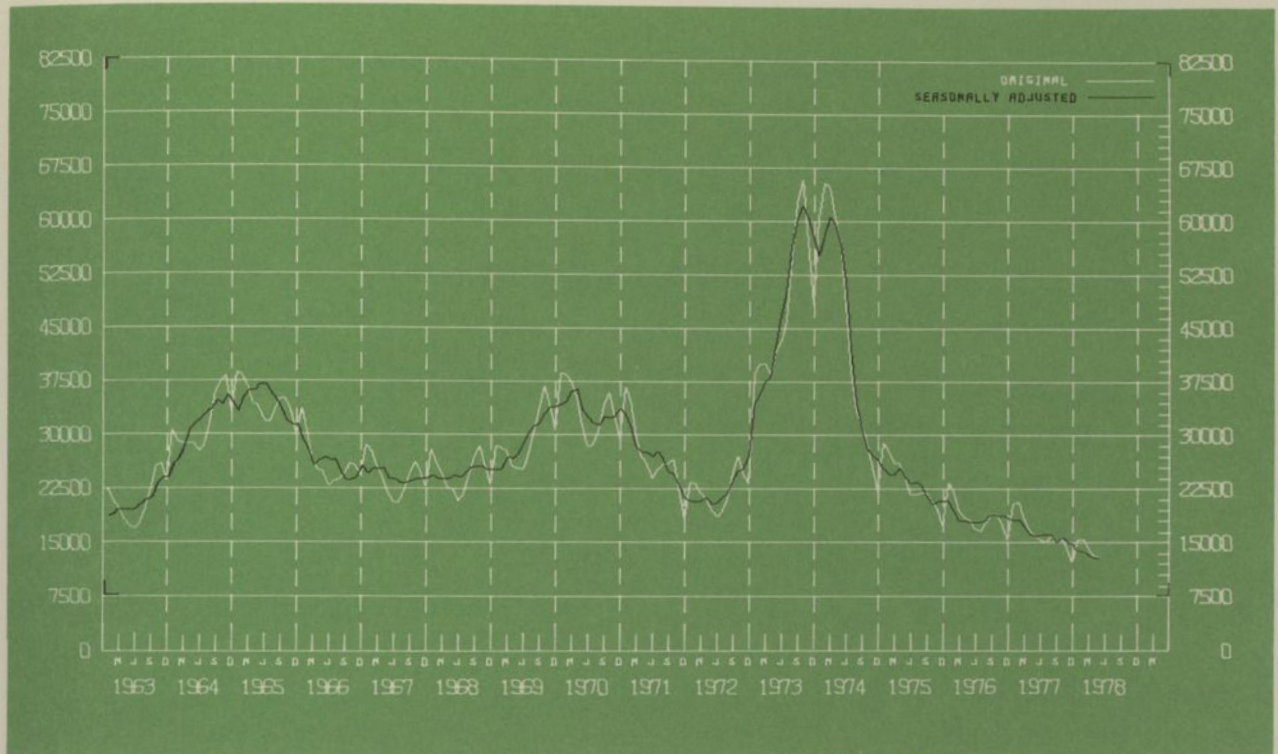
1966						169.5	169.6	170.6	171.1	171.8	172.7	173.9
1967	174.4	174.5	174.6	175.6	176.2	176.8	177.7	178.3	179.2	179.8	180.2	180.4
1968	180.9	181.6	182.1	182.4	183.4	184.3	185.3	186.0	186.7	187.6	188.2	188.6
1969	189.7	190.4	191.5	192.9	193.9	194.8	195.8	196.4	196.9	197.8	199.0	200.6
1970	202.6	204.7	205.9	206.5	206.9	208.1	209.0	209.7	210.7	211.6	212.9	213.8
1971	213.7	214.6	215.3	216.0	216.4	347.1B	347.0	347.4	347.7	348.2	347.9	347.6
1972	348.0	347.6	347.7	348.5	349.1	349.3	350.7	352.2	353.3	354.6	356.1	356.8
1973	357.9	359.1	361.2	361.3C	363.0C	364.2	366.6	368.5	370.2	371.6	374.2	377.4
1974	379.7	381.5	383.0	384.3	385.9	386.9	384.7	384.2	383.2	382.8	381.3	379.7
1975	379.5	378.3	377.2	377.9	378.3	378.5	378.9	378.6	378.8	378.8	377.9	377.8
1976	377.4	377.3	378.3	378.9	378.2	379.2	380.8	381.3	382.2	382.6	383.9	383.9
1977	383.6	383.3	383.6	383.2	383.8	383.9	384.6	384.7	384.6	384.6	384.1	385.5
1978	384.8	384.0	383.4									

(A) ESTIMATES PRIOR TO JUNE 1971 REFER TO THE INDUSTRY GROUP 'FINANCE AND PROPERTY' AND WERE BASED ON A DIFFERENT INDUSTRY CLASSIFICATION.

(B) BREAK IN CONTINUITY OF SERIES DUE TO ADOPTION OF NEW BENCHMARKS AND NEW INDUSTRY CLASSIFICATION - SEE EXPLANATORY NOTES.

(C) INFLUENCED BY UNUSUAL HOLIDAY PERIOD BETWEEN EASTER AND ANZAC DAY - SEE EXPLANATORY NOTES.

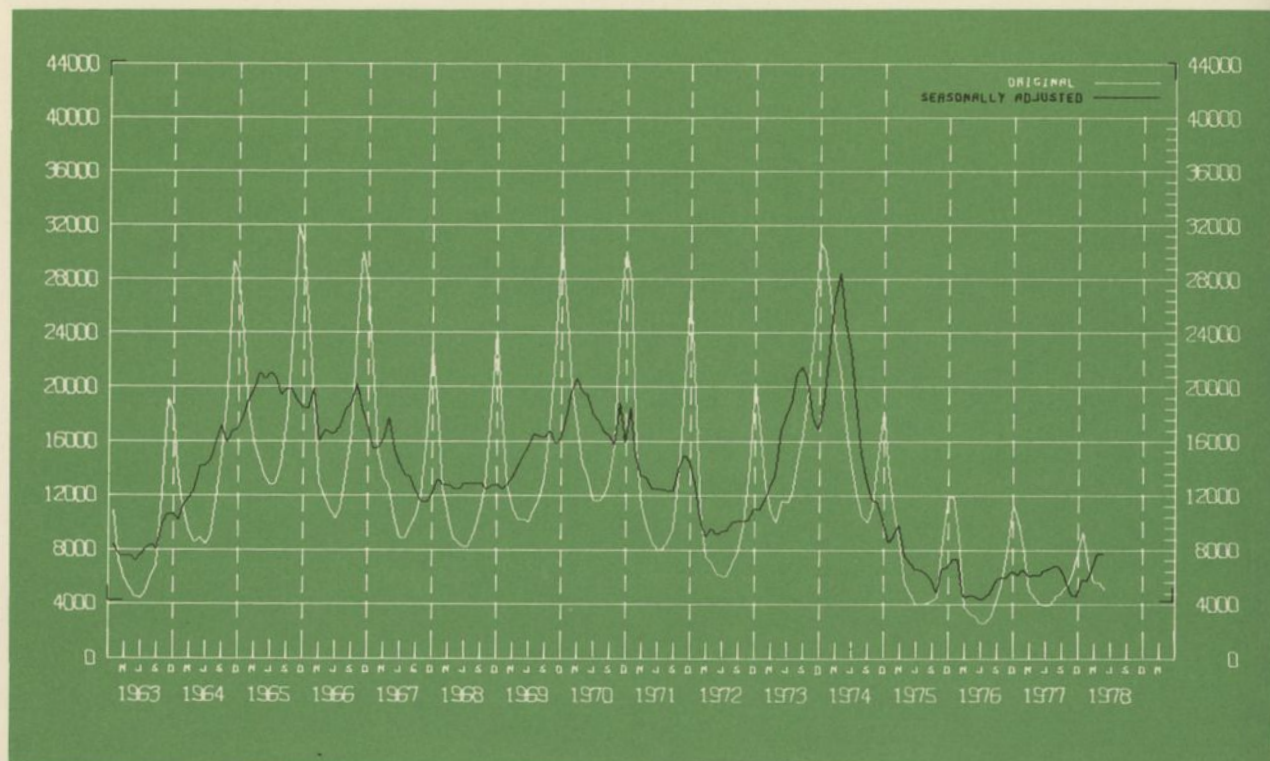
JOB VACANCIES REGISTERED  
WITH COMMONWEALTH EMPLOYMENT SERVICE - ADULTS  
(SOURCE OF ORIGINAL DATA - DEPARTMENT OF EMPLOYMENT AND INDUSTRIAL RELATIONS)  
NUMBER



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1963	22242	20749	19697	18111	17290	16725	17652	19837	22247	25814	26067	23460
1964	30634	28967	28609	28863	28596	27608	28714	31949	35984	37459	38278	33183
1965	38669	38156	36685	34174	33830	32049	31445	33341	35076	34975	33304	30046
1966	33720	30256	26176	25058	24635	22787	23526	23826	24559	26075	25486	24325
1967	28520	27568	25544	24043	21764	20523	20500	22336	24572	26298	24754	22596
1968	28103	25970	24540	22635	22194	20635	21799	24384	26862	28482	25719	22920
1969	28425	28027	27623	25440	25224	25041	27342	30627	33472	36895	34202	30542
1970	38681	38234	37336	35236	31174	28384	28617	30598	34222	36028	32410	29542
1971	36682	34629	29476	26806	25940	23844	25160	26024	26133	26718	22414	18242
1972	23421	23051	21766	21015	19550	18560	19399	21198	24751	27093	24359	23116
1973	38633	40013	39830	38379	41888	43174	46193	55092	62764	65823	57059	48286
1974	60573	65403	64693	60275	56953	48128	38697	33363	31334	28843	25388	22068A
1975	28924	27783	26073	25916	24107	21622	21605	22084	21681	20598	19589	17305
1976	23343	22116	19316	18424	17985	16735	16434	17842	19066	18728	17533	15239
1977	20428	20885	18491	16632	15959	15332	15055	15844	14982	15723	14129	12208
1978	15474	15589	14030	13045	12923							
SEASONALLY ADJUSTED												
1963	18637	19143	19594	19444	19363	19756	20400	20971	21324	23282	23927	24029
1964	25929	26748	28329	30691	31616	32228	32955	33615	34587	34048	35456	34393
1965	33189	35247	36165	36100	36986	37068	35835	34779	33603	31840	31175	31437
1966	29137	27873	25683	26389	26845	26261	26620	24804	23590	23770	24189	25607
1967	24469	25245	24994	25282	23732	23741	23163	23209	23534	23875	23816	24012
1968	24246	23649	23924	23766	24227	23897	24415	25180	25619	25627	25056	24827
1969	24943	25399	26854	26517	27351	28813	30226	31272	31601	32934	33829	33867
1970	34416	34596	36079	36433	33484	32381	31435	31185	32341	32302	32608	33585
1971	32793	31087	28253	27433	27396	26784	27585	26682	24801	24284	22993	21080
1972	20623	20541	20755	21295	20310	20565	21280	21857	23769	25101	25393	27205
1973	34506	35653	37564	38267	42504	46796	50291	56606	60486	62181	60313	57767
1974	55037	58100	60588	59555	56878	51520	42124	34415	30812	28000	26991	26414A
1975	25138	24398	24484	25494	23958	23059	23606	22835	21490	20317	20901	20770
1976	20658	19398	18054	18058	17719	17716	17801	18314	19024	18661	18710	18292
1977	18051	18268	17319	16253	15697	16236	16240	16219	14996	15777	15081	14658
1978	13745	13592	13169	12734	12711							

(A) NORTHERN TERRITORY ESTIMATED. DURING DECEMBER 1974 THE CYCLONE IN DARWIN CAUSED SOME MINOR LOSS OF RECORDS.

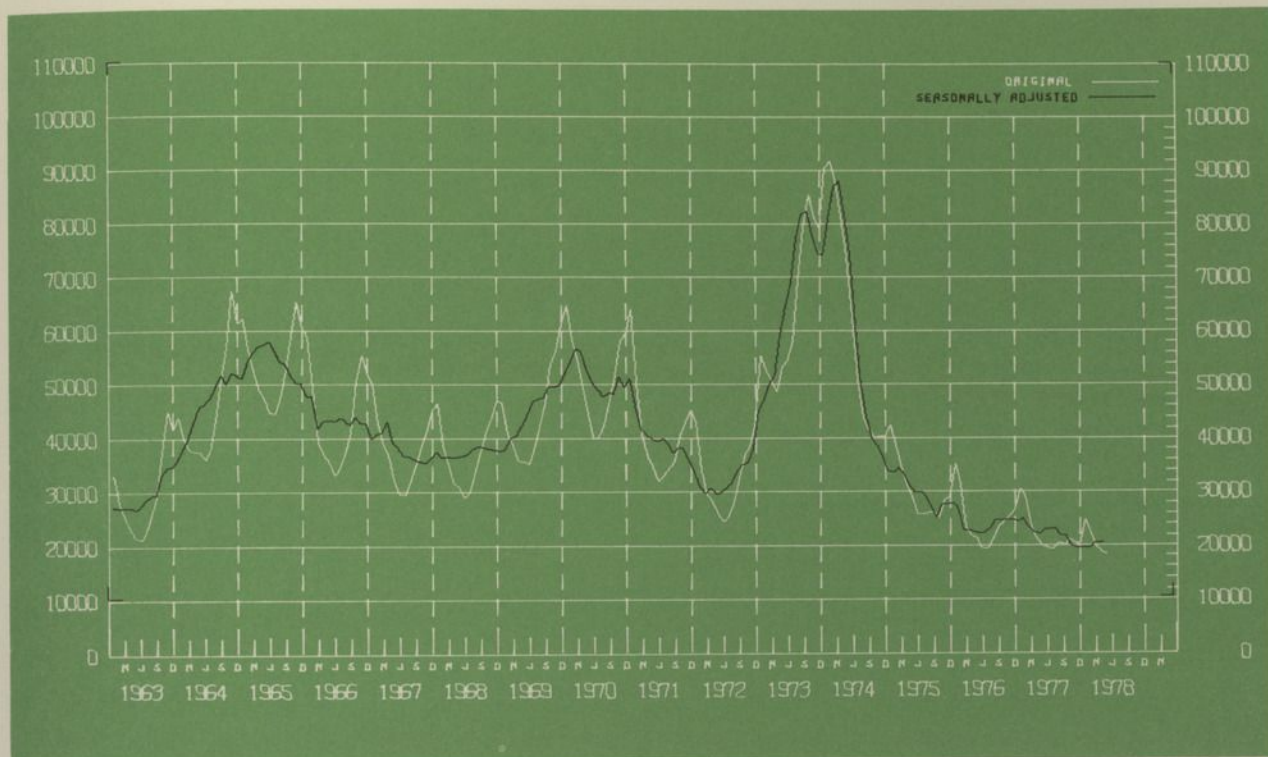
JOB VACANCIES REGISTERED  
WITH COMMONWEALTH EMPLOYMENT SERVICE - JUNIORS  
(SOURCE OF ORIGINAL DATA - DEPARTMENT OF EMPLOYMENT AND INDUSTRIAL RELATIONS)  
NUMBER



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1963	10711	7052	5755	5003	4372	4328	4904	6048	6905	12083	19104	18046
1964	13331	10741	9200	8474	8865	8332	9052	11667	15172	19505	29383	28299
1965	23819	18162	15724	14554	13295	12640	12951	14266	17790	24280	32033	30305
1966	25140	18963	12839	11806	10857	10234	11045	13606	16664	24693	30027	27712
1967	21334	15019	13208	12609	10247	8812	8735	9659	10447	12022	16616	22824
1968	18519	12426	10447	8833	8368	8087	8429	9381	10778	12815	18136	24166
1969	17896	12718	11012	10162	10155	9955	10970	11772	13264	17117	22281	30895
1970	26068	20024	17171	14259	13272	11481	11523	11940	13014	15786	26058	30012
1971	27605	15350	11061	9636	8486	7927	8052	8649	9631	13816	20572	27128
1972	19439	10822	7337	6971	6160	5926	6080	6960	7837	9837	14149	20288
1973	16782	12667	10660	9948	11611	11334	12059	14568	16558	19863	23878	30835
1974	29958	26440	22859	20983	16914	14052	11826	10286	9919	11193	15026	18237A
1975	13559	10601	8420	5383	4661	3895	3923	4071	4326	4444	8789	11949
1976	11864	8896	3660	3235	2924	2459	2719	3121	4302	5658	7966	11305
1977	9960	7985	4977	4376	3935	3797	4031	4531	4896	5376	6127	7755
1978	9394	6668	5493	5523	4981							
SEASONALLY ADJUSTED												
1963	8091	7370	7382	7321	6988	7455	7959	8252	7789	9676	10506	10488
1964	9957	11232	11663	12282	13968	14115	14510	15794	16926	15698	16615	16784
1965	17628	18914	19622	20863	20434	20877	20452	19226	19770	19568	18733	18263
1966	18278	19647	15794	16671	16327	16511	17065	18246	18653	20092	18171	16947
1967	15217	15373	16000	17625	15150	13977	13308	13031	12019	11280	11211	11927
1968	12921	12561	12556	12224	12263	12686	12676	12736	12745	12206	12557	12621
1969	12233	12661	13165	13946	14760	15467	16417	16090	16082	16651	15566	16073
1970	17529	19554	20460	19432	19155	17735	17280	16503	16124	15545	18750	15654
1971	18292	14671	13178	13035	12231	12232	12182	12077	12127	13760	14783	14289
1972	12698	10073	8719	9388	8847	9193	9314	9828	10021	9939	10084	10805
1973	10727	11405	12492	13348	16671	17758	18687	20869	21328	20269	17385	16643
1974	18720	22694	26470	28357	24470	22459	18542	14886	12779	11419	11176	9974A
1975	8311	8779	9705	7330	6817	6325	6232	5985	5592	4581	6476	6559
1976	7143	7032	4253	4440	4335	4070	4347	4612	5541	5843	5862	6243
1977	5951	6435	5862	6018	5877	6304	6467	6749	6393	5595	4468	4249
1978	5580	5447	6568	7596	7461							

(A) NORTHERN TERRITORY ESTIMATED. DURING DECEMBER 1974 THE CYCLONE IN DARWIN CAUSED SOME MINOR LOSS OF RECORDS.

JOB VACANCIES REGISTERED  
WITH COMMONWEALTH EMPLOYMENT SERVICE - TOTAL  
(SOURCE OF ORIGINAL DATA - DEPARTMENT OF EMPLOYMENT AND INDUSTRIAL RELATIONS)  
NUMBER

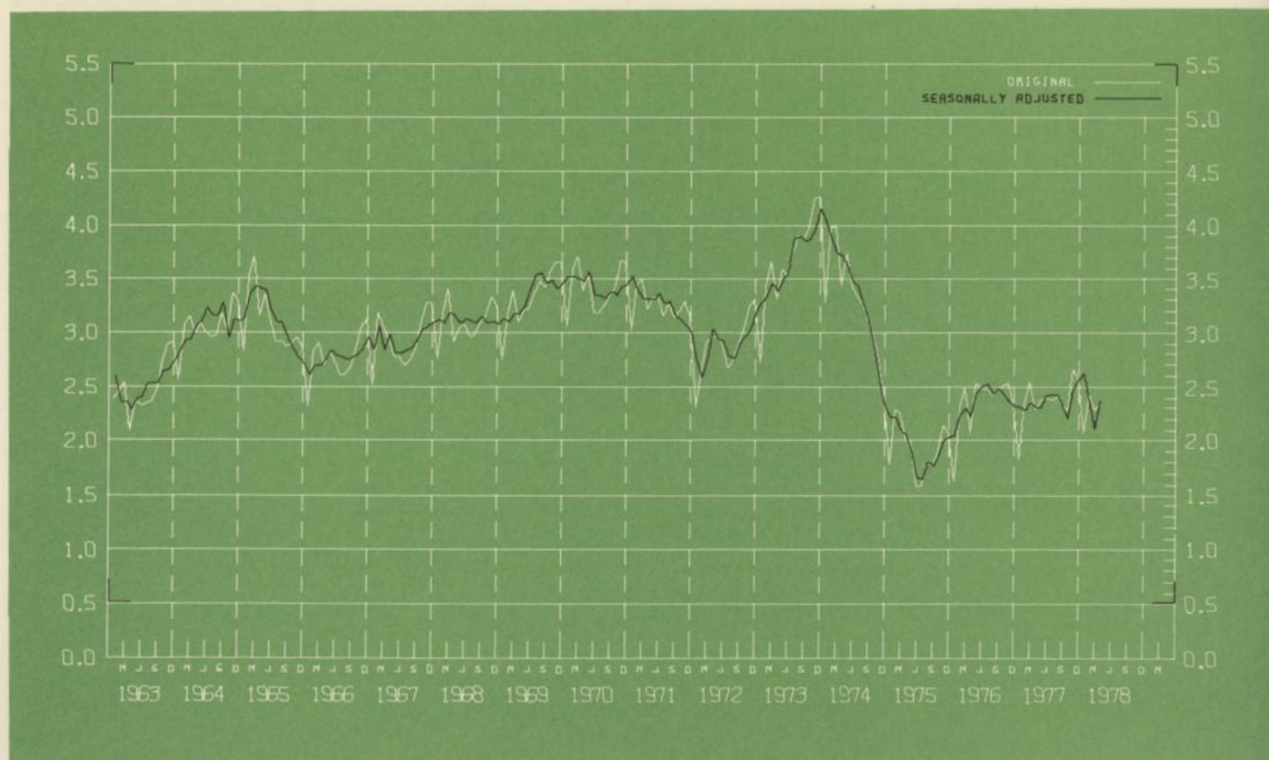


YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1963	32953	27801	25452	23114	21662	21053	22556	25885	29152	37897	45171	41506
1964	43965	39708	37809	37337	37461	35940	37766	43616	51156	56964	67661	61482
1965	62488	56318	52409	48728	47125	44689	44396	47607	52866	59255	65337	60351
1966	58860	49219	39015	36864	35492	33021	34571	37432	41223	50768	55513	52037
1967	49854	42587	38752	36652	32011	29335	29235	31995	35019	38320	41370	45420
1968	46622	38396	34987	31468	30562	28722	30228	33765	37640	41297	43855	47086
1969	46321	40745	38635	35602	35379	34996	38312	42399	46736	54012	56483	61437
1970	64749	58258	54507	49495	44446	39865	40140	42538	47236	51814	58468	59554
1971	64287	49979	40537	36442	34426	31771	33212	34673	35764	40534	42986	45370
1972	42860	33873	29103	27986	25710	24486	25479	28158	32588	36930	38508	43404
1973	55415	52680	50490	48327	53499	54508	58252	69660	79322	85686	80937	79121
1974	90531	91843	87552	81258	73867	62180	50523	43649	41253	40036	40414	40305A
1975	42483	38384	34493	31299	28768	25517	25528	26155	26007	25042	28378	29254
1976	35207	31012	22976	21659	20909	19194	19153	20963	23368	24386	25499	26544
1977	30388	28870	23468	21008	19894	19129	19086	20375	19878	21099	20256	19963
1978	24868	22257	19523	18568	17904							
SEASONALLY ADJUSTED												
1963	26728	26513	26976	26765	26351	27211	28359	29223	29113	32958	34433	34517
1964	35886	37980	39992	42973	45584	46343	47465	49409	51513	49746	52071	51177
1965	50817	54161	55787	56963	57420	57945	56287	54005	53373	51408	49908	49700
1966	47415	47520	41477	43060	43172	42772	43685	43050	42243	43862	42360	42554
1967	39686	40618	40994	42907	38882	37718	36471	36240	35553	35155	35027	35939
1968	37167	36210	36480	35990	36490	36583	37091	37916	38364	37833	37613	37448
1969	37176	38060	40019	40463	42111	44280	46643	47362	47683	49585	49395	49940
1970	51945	54150	56539	55865	52639	50116	48715	47688	48465	47847	51358	49239
1971	51085	45758	41431	40468	39627	39016	39767	38759	36928	38044	37776	35369
1972	33321	30614	29474	30683	29157	29758	30594	31685	31745	81814	82450	77698
1973	45233	47058	50056	51615	59175	64554	68978	77475	81814	82450	77698	74410
1974	73757	80794	87058	87912	81348	73979	60666	49301	43591	39419	38167	36388A
1975	33449	33177	34189	32824	30775	29384	29838	28820	27082	24898	27377	27329
1976	27801	26430	22307	22498	22054	21786	22148	22926	24565	24504	24572	24535
1977	24002	24703	23181	22271	21574	22540	22707	22968	21389	21372	19549	18907
1978	19325	19039	19737	20330	20172							

(A) NORTHERN TERRITORY ESTIMATED. DURING DECEMBER 1974 THE CYCLONE IN DARWIN CAUSED SOME MINOR LOSS OF RECORDS.

FACTORY OVERTIME  
(SOURCE OF ORIGINAL DATA - DEPARTMENT OF EMPLOYMENT AND INDUSTRIAL RELATIONS)

HOURS



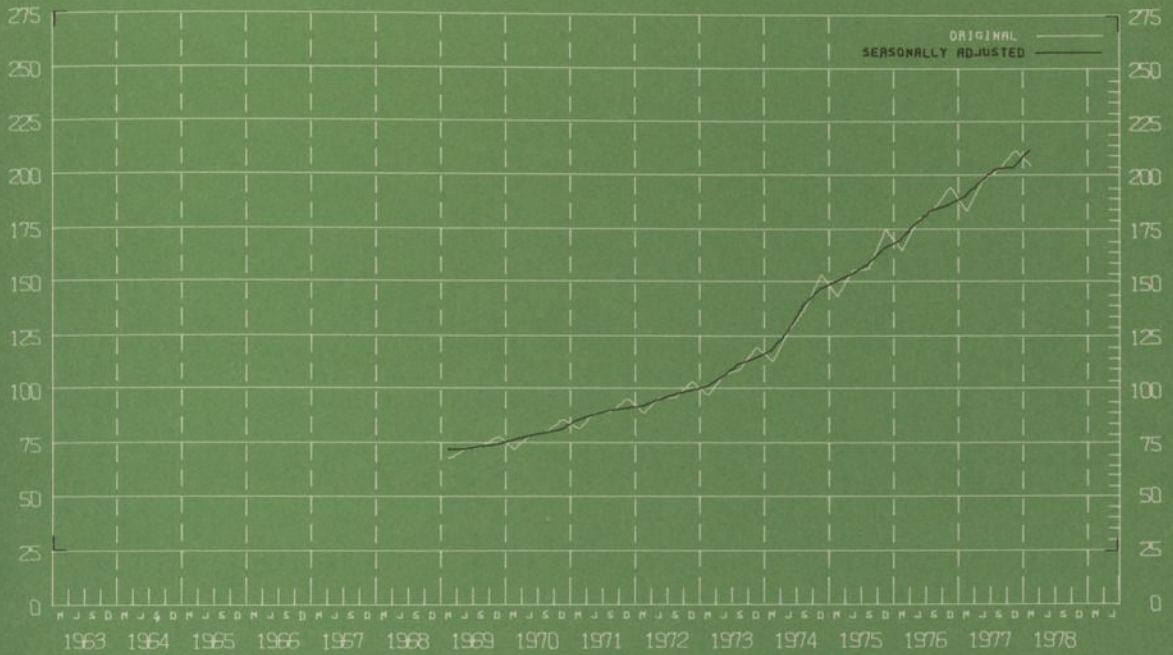
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1963	2.4	2.5	2.5	2.1	2.4	2.3	2.4	2.4	2.5	2.7	2.9	2.9
1964	2.6	3.1	3.2	3.0	3.1	3.0	3.0	3.0	3.2	3.0	3.4	3.3
1965	2.8	3.5	3.7	3.1	3.4	3.1	2.9	2.9	2.9	2.9	3.0	2.9
1966	2.3	2.8	2.9	2.7	2.8	2.7	2.6	2.6	2.7	2.9	3.1	3.1
1967	2.5	3.2	3.0	2.9	2.8	2.8	2.7	2.8	2.9	3.1	3.3	3.3
1968	2.8	3.2	3.4	2.9	3.0	3.1	3.0	3.0	3.1	3.2	3.3	3.2
1969	2.7	3.2	3.4	3.1	3.2	3.2	3.4	3.5	3.4	3.6	3.7	3.6
1970	3.1	3.6	3.7	3.4	3.5	3.2	3.2	3.3	3.4	3.4	3.7	3.6
1971	3.0	3.5	3.5	3.2	3.3	3.3	3.2	3.3	3.1	3.2	3.3	3.1
1972	2.3	2.6	2.9	3.0	3.0	2.9	2.7	2.7	2.9	3.0	3.3	3.3
1973	2.7	3.4	3.7	3.3	3.6	3.5	3.7	3.9	3.9	4.0	4.2	4.3
1974	3.3	4.0	4.0	3.4	3.7	3.4	3.3	3.3	3.1	3.0	2.7	2.4
1975	1.8	2.3	2.2	2.0	2.0	1.6	1.6	1.8	1.8	1.9	2.1	2.1
1976	1.6	2.3	2.5	2.1	2.5	2.5	2.5	2.4	2.5	2.5	2.5	2.3
1977	1.8	2.3	2.5	2.3	2.4	2.4	2.4	2.4	2.3	2.3	2.7	2.6
1978	2.1	2.4	2.3	2.3								

## SEASONALLY ADJUSTED

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1963	2.6	2.4	2.4	2.3	2.4	2.4	2.5	2.5	2.5	2.6	2.7	2.7
1964	2.8	2.9	2.9	3.1	3.1	3.2	3.2	3.2	3.3	2.9	3.1	3.1
1965	3.1	3.4	3.4	3.4	3.4	3.2	3.1	3.1	3.0	2.8	2.8	2.7
1966	2.6	2.7	2.7	2.7	2.8	2.8	2.8	2.7	2.8	2.8	2.9	3.0
1967	2.8	3.1	2.8	3.0	2.8	2.8	2.8	2.9	2.9	3.0	3.1	3.1
1968	3.1	3.1	3.2	3.2	3.1	3.1	3.1	3.1	3.2	3.1	3.1	3.1
1969	3.1	3.1	3.2	3.2	3.2	3.4	3.5	3.6	3.4	3.5	3.4	3.5
1970	3.5	3.5	3.5	3.5	3.6	3.3	3.3	3.3	3.4	3.3	3.4	3.4
1971	3.5	3.4	3.3	3.3	3.3	3.4	3.3	3.3	3.1	3.1	3.1	3.0
1972	2.7	2.6	2.8	3.0	2.9	2.9	2.8	2.8	2.9	3.0	3.0	3.2
1973	3.3	3.3	3.5	3.4	3.5	3.6	3.9	3.9	3.8	3.9	4.0	4.1
1974	4.0	3.9	3.7	3.7	3.6	3.5	3.4	3.3	3.1	2.9	2.6	2.3
1975	2.2	2.2	2.1	2.0	1.9	1.6	1.6	1.8	1.8	1.9	2.0	2.0
1976	2.0	2.2	2.3	2.2	2.4	2.5	2.5	2.4	2.5	2.4	2.4	2.3
1977	2.3	2.3	2.4	2.3	2.3	2.4	2.4	2.4	2.3	2.2	2.5	2.6
1978	2.6	2.4	2.1	2.4								

## AVERAGE WEEKLY EARNINGS PER EMPLOYED MALE UNIT

\$



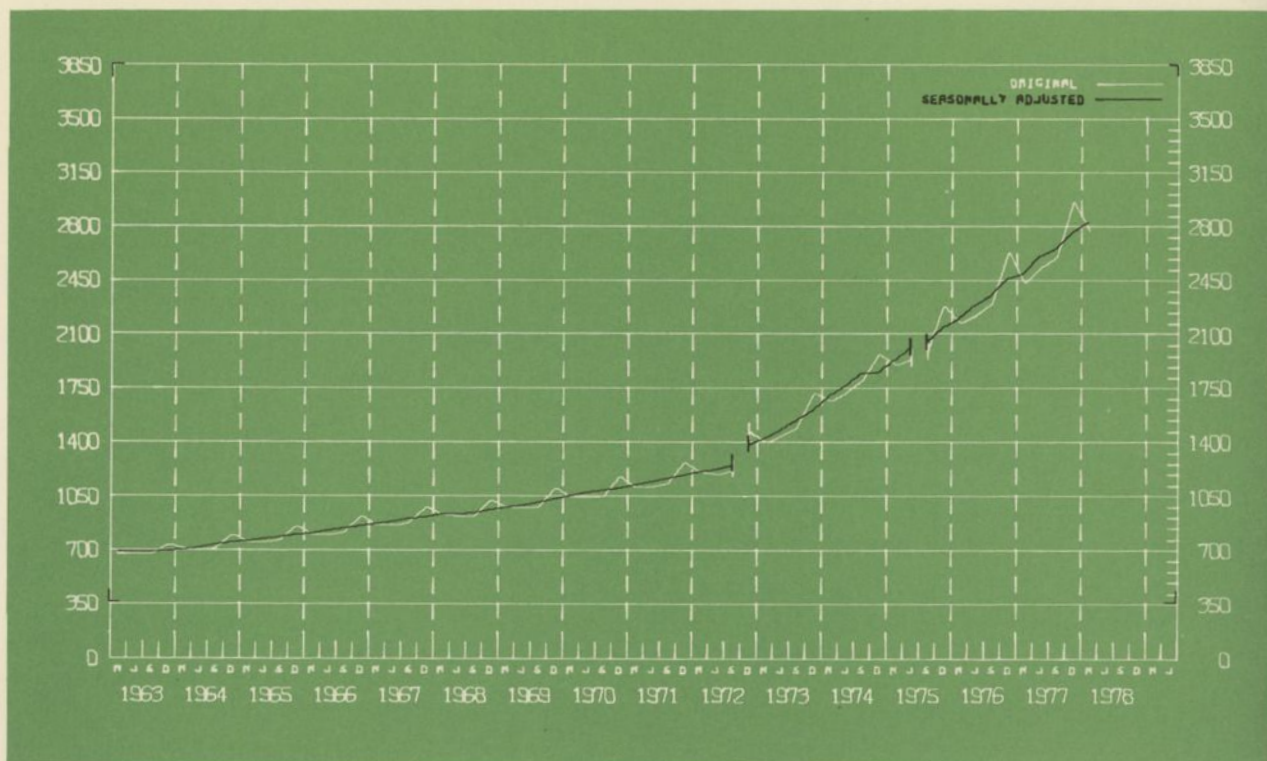
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1969	68.50	72.80	74.10	79.00
1970	72.70	79.40	80.90	86.30
1971	82.00	89.80	90.50	96.50
1972	89.50	97.20	97.10	104.40
1973	97.40	108.20	110.60	120.40
1974	113.30	128.70	138.40	154.40
1975	143.80	156.40	157.60	175.70
1976	165.30	179.80	184.80	195.50
1977	183.80	198.70	204.10	212.50
1978	205.10			

## SEASONALLY ADJUSTED

1969	71.90	72.50	74.20	75.20
1970	77.10	78.90	80.50	82.20
1971	86.70	88.90	90.80	92.10
1972	93.20	96.00	98.30	100.50
1973	101.90	107.20	112.40	115.40
1974	119.10	127.30	140.50	147.90
1975	151.30	154.80	159.30	167.10
1976	170.80	178.90	184.80	187.70
1977	191.70	198.30	204.40	205.00
1978	213.00			

QUARTERLY RETAIL SALES (A) - FOOD AND DRINK  
AT CURRENT PRICES

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1963	670.6	666.4	670.3	736.3
1964	697.6	692.9	716.9	797.5
1965	740.9	748.2	770.2	857.3
1966	788.6	799.6	821.4	913.5
1967	855.0	853.8	879.6	970.1
1968	922.1	907.4	914.2	1021.7
1969	962.5	962.9	979.2	1097.7
1970	1037.5	1035.1	1052.9	1174.8
1971	1098.7	1114.0	1135.6	1265.7
1972	1197.0	1186.2	1220.2	1466.1B
1973	1396.0	1439.7	1500.1	1715.1
1974	1657.5	1719.3	1796.3	1970.0
1975	1898.1	1941.5	1986.2B	2281.5
1976	2172.3	2222.9	2305.7	2632.0
1977	2431.2	2534.7	2602.0	2958.8
1978	2768.7			

## SEASONALLY ADJUSTED

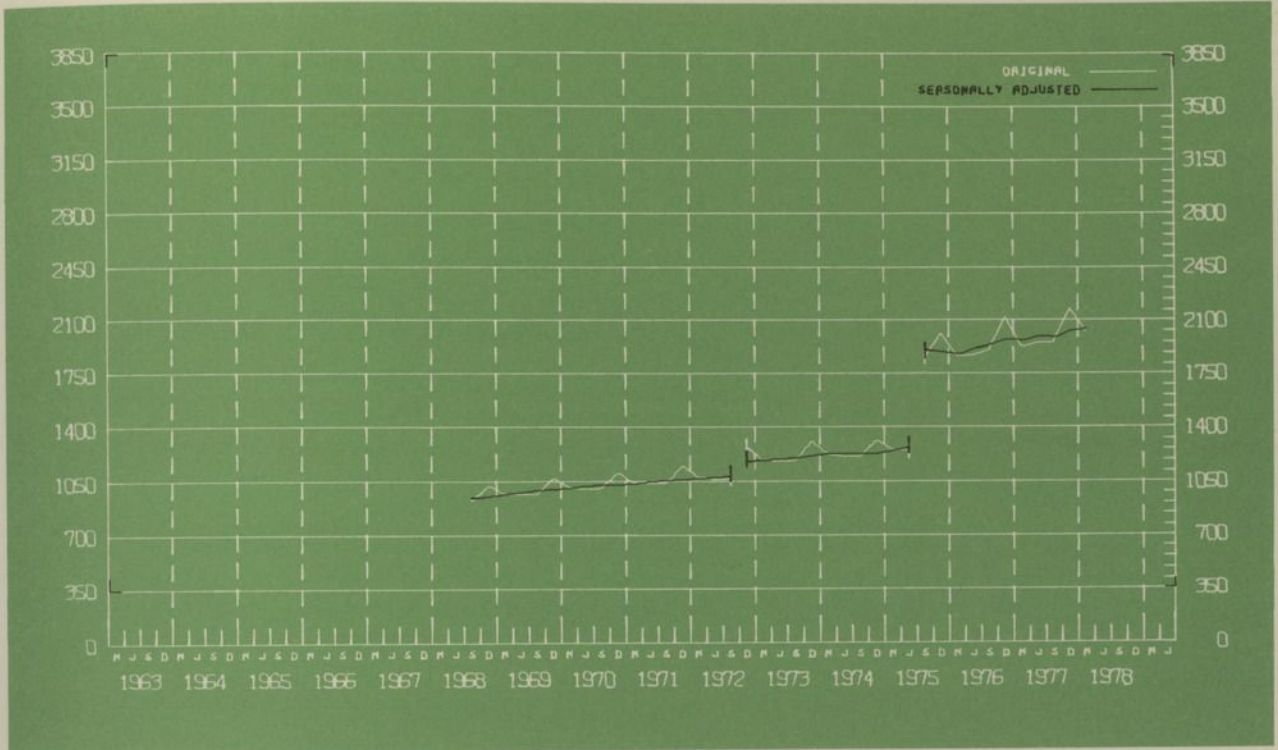
1963	680.0	686.2	685.8	694.4
1964	697.3	716.8	734.6	746.9
1965	754.9	770.3	787.3	801.5
1966	804.6	823.3	839.3	854.0
1967	867.9	883.1	899.7	909.8
1968	928.0	933.5	937.3	960.9
1969	975.2	989.9	1008.9	1029.6
1970	1049.2	1068.5	1081.9	1099.5
1971	1119.8	1143.8	1163.6	1184.0
1972	1202.7	1220.3	1249.1	1376.1B
1973	1421.3	1477.3	1539.6	1606.0
1974	1692.9	1764.3	1839.1	1851.1
1975	1923.7	2002.2	2040.8B	2136.3
1976	2198.7	2281.7	2355.2	2455.8
1977	2495.2	2601.9	2655.6	2761.2
1978	2827.7			

(A) EXCLUDES NORTHERN TERRITORY AND AUSTRALIAN CAPITAL TERRITORY.

(B) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

QUARTERLY RETAIL SALES (A) - FOOD AND DRINK  
AT CONSTANT PRICES

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
		ORIGINAL		
1968			921.0B	1021.8
1969	959.6	958.9	967.5	1071.7
1970	1004.2	996.5	1008.3	1105.7
1971	1025.9	1026.3	1039.3	1147.1
1972	1074.3	1057.0	1067.9	1268.3C
1973	1180.8	1175.2	1180.7	1306.0
1974	1217.6	1203.6	1213.9	1315.7
1975	1247.6	1245.8	1861.7D	2018.6
1976	1862.1	1878.6	1911.0	2120.2
1977	1926.7	1959.5	1958.2	2179.7
1978	2021.8			

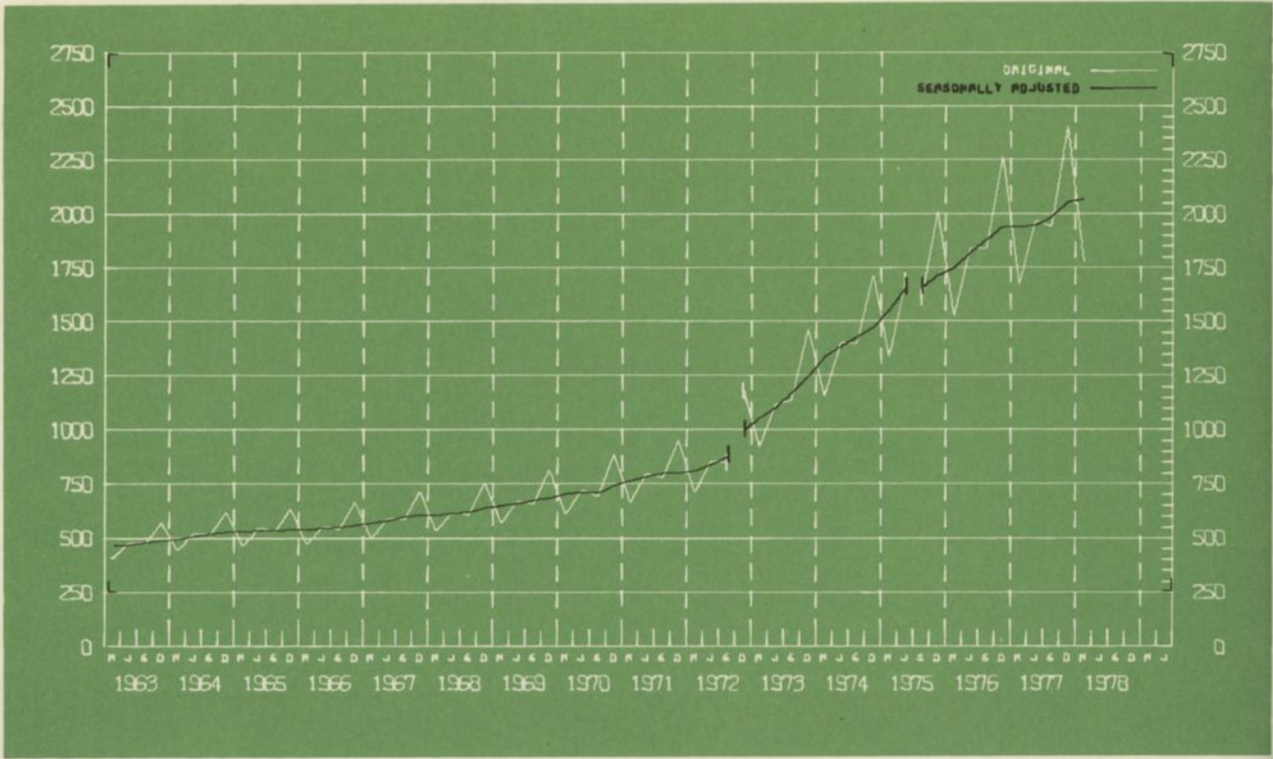
SEASONALLY ADJUSTED

1968			945.8B	961.5
1969	970.9	985.5	997.6	1005.6
1970	1014.8	1028.5	1036.5	1035.0
1971	1045.0	1053.8	1065.0	1073.7
1972	1078.5	1087.6	1092.9	1192.2C
1973	1200.5	1205.9	1211.0	1226.2
1974	1241.2	1234.3	1241.8	1241.1
1975	1261.6	1283.0	1910.7D	1899.5
1976	1880.2	1924.3	1949.5	1989.5
1977	1972.6	2006.4	1995.9	2046.5
1978	2059.8			

- (A) EXCLUDES NORTHERN TERRITORY AND AUSTRALIAN CAPITAL TERRITORY.  
 (B) UP TO JUNE QUARTER 1975 AT AVERAGE 1968-69 PRICES.  
 (C) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.  
 (D) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES. FROM SEPTEMBER QUARTER 1975 AT AVERAGE 1974-75 PRICES.

QUARTERLY RETAIL SALES (A) - CLOTHING, HARDWARE, ELECTRICAL AND FURNITURE  
AT CURRENT PRICES

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
		ORIGINAL		
1963	403.3	481.1	469.9	572.0
1964	437.7	522.4	509.6	622.0
1965	461.9	543.9	522.5	633.8
1966	470.3	551.3	533.3	662.5
1967	495.0	589.0	579.6	715.9
1968	530.3	620.8	602.1	755.3
1969	567.0	668.3	649.6	814.7
1970	607.1	721.9	687.1	884.8
1971	659.3	796.0	769.9	950.1
1972	706.7	852.5	841.4	1178.5B
1973	914.4	1118.9	1139.3	1464.7
1974	1151.2	1400.7	1395.7	1716.8
1975	1337.1	1680.7	1608.4B	2009.3
1976	1519.8	1841.5	1836.3	2263.6
1977	1662.7	1966.2	1932.5	2403.6
1978	1769.6			

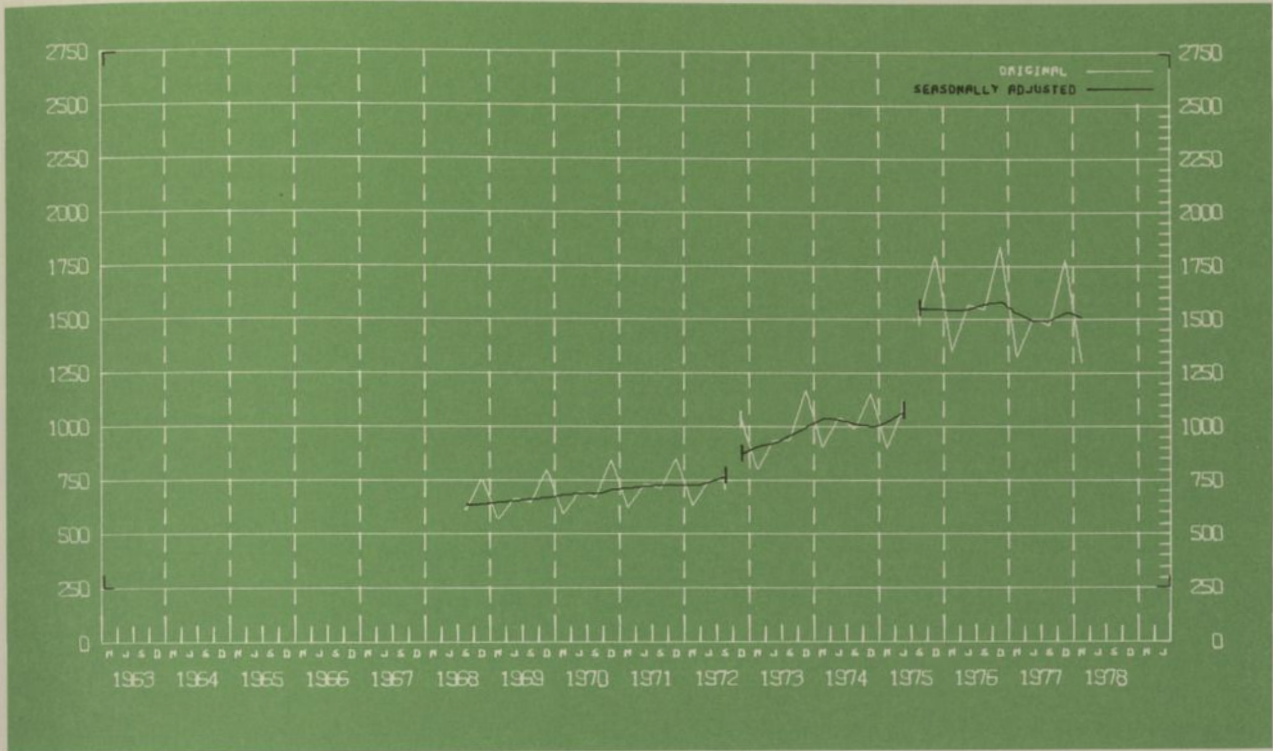
SEASONALLY ADJUSTED

1963	466.6	476.2	486.1	494.9
1964	501.7	516.7	527.4	532.9
1965	536.6	539.8	541.5	542.7
1966	545.2	548.1	555.1	565.2
1967	575.8	585.1	603.9	611.7
1968	608.8	618.2	627.3	644.3
1969	656.3	665.1	681.2	690.1
1970	708.6	716.7	717.0	749.2
1971	768.2	791.1	804.1	807.0
1972	813.2	845.8	881.1	1003.7B
1973	1060.5	1110.2	1179.8	1255.7
1974	1344.1	1389.6	1437.0	1478.5
1975	1558.5	1664.1	1662.9B	1719.4
1976	1756.7	1827.0	1885.4	1943.1
1977	1944.2	1950.0	1989.9	2061.5
1978	2075.8			

(A) EXCLUDES NORTHERN TERRITORY AND AUSTRALIAN CAPITAL TERRITORY.  
(B) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

QUARTERLY RETAIL SALES (A) - CLOTHING, HARDWARE, ELECTRICAL AND FURNITURE  
AT CONSTANT PRICES

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
		ORIGINAL		
1968			608.1B	756.7
1969	565.2	662.7	641.1	798.7
1970	591.9	697.4	663.0	842.8
1971	619.4	731.5	705.2	852.2
1972	632.2	751.8	738.8	1029.7C
1973	792.6	936.3	933.0	1168.4
1974	900.9	1037.9	983.1	1156.0
1975	892.6	1083.4	1509.3D	1799.5
1976	1345.5	1563.0	1542.3	1838.5
1977	1318.6	1503.2	1465.3	1781.7
1978	1297.2			

SEASONALLY ADJUSTED

1968			632.7B	645.9
1969	653.5	660.6	671.3	677.1
1970	689.6	693.8	690.9	714.6
1971	719.4	728.7	735.9	725.2
1972	723.9	747.7	773.0	880.0C
1973	913.2	931.1	965.1	1006.3
1974	1043.9	1032.0	1010.3	1001.3
1975	1032.1	1075.1	1556.2D	1549.9
1976	1543.0	1554.4	1577.5	1589.4
1977	1529.8	1494.5	1502.1	1539.5
1978	1509.9			

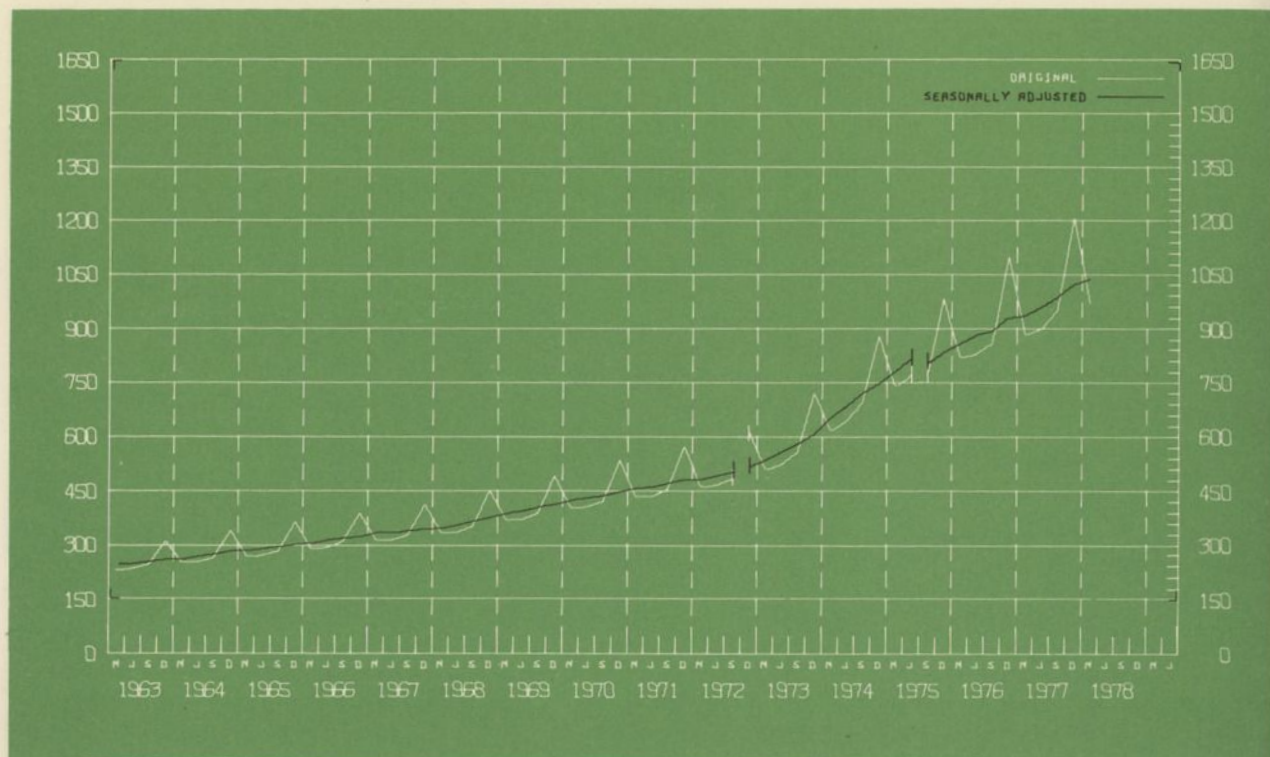
(A) EXCLUDES NORTHERN TERRITORY AND AUSTRALIAN CAPITAL TERRITORY.

(B) UP TO JUNE QUARTER 1975 AT AVERAGE 1968-69 PRICES.

(C) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

(D) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES. FROM SEPTEMBER QUARTER 1975 AT AVERAGE 1974-75 PRICES.

QUARTERLY RETAIL SALES (A) - ALL OTHER GOODS  
(EXCLUDING MOTOR VEHICLES, PARTS, PETROL, ETC.)  
AT CURRENT PRICES  
\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1963	227.9	235.7	247.6	308.5
1964	247.6	256.0	265.8	338.8
1965	267.9	273.8	286.3	362.2
1966	287.5	295.2	310.9	387.5
1967	312.0	315.6	330.3	409.5
1968	332.1	336.0	355.2	448.6
1969	367.9	370.9	390.2	491.7
1970	398.9	408.1	421.9	534.2
1971	431.6	434.6	455.8	572.1
1972	459.6	467.1	485.5	611.2B
1973	506.3	525.6	556.6	718.8
1974	613.6	645.2	694.7	879.0
1975	737.1	772.0	770.2B	983.3
1976	819.1	830.7	862.0	1099.5
1977	880.5	901.4	951.6	1208.4
1978	969.8			

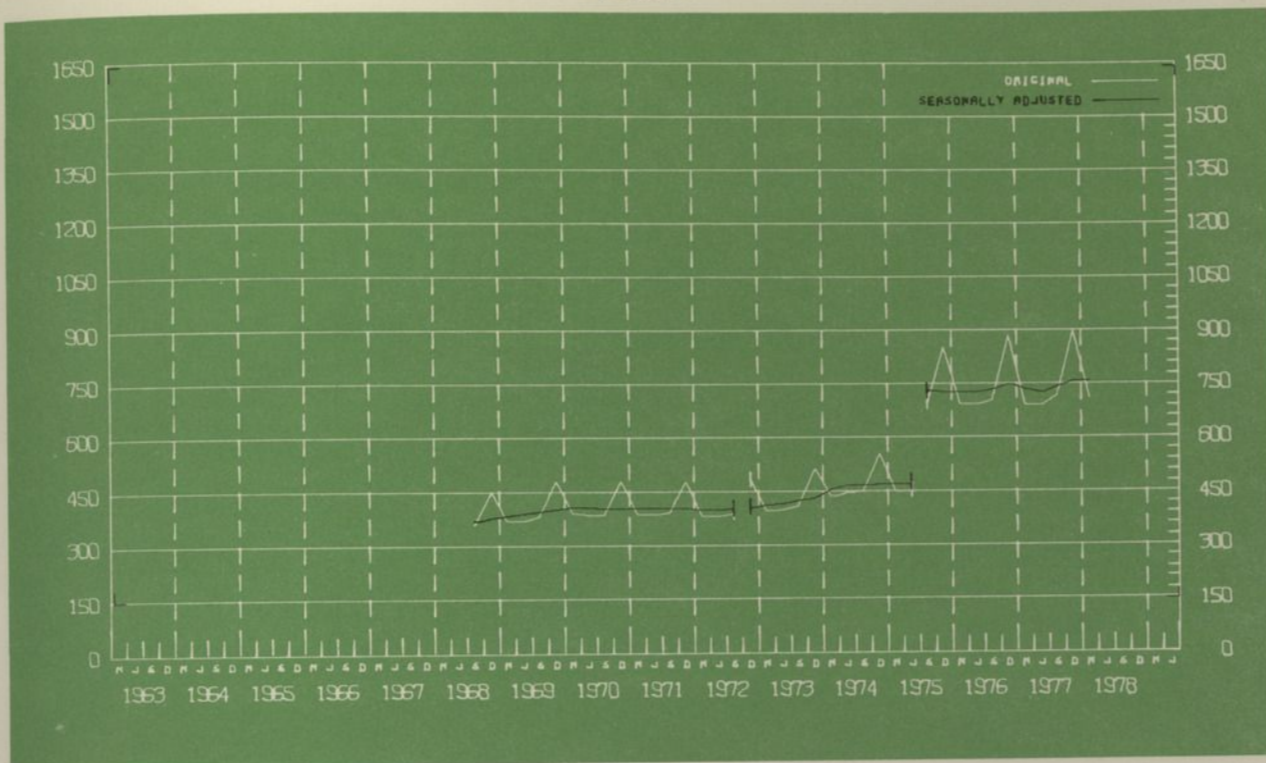
## SEASONALLY ADJUSTED

1963	246.0	251.6	258.5	262.8
1964	265.2	272.6	277.9	286.7
1965	289.0	293.3	299.1	305.8
1966	310.3	316.7	324.1	327.2
1967	337.8	337.4	344.3	348.0
1968	352.1	361.2	370.8	382.3
1969	391.9	398.6	410.6	417.3
1970	428.4	436.4	442.2	453.3
1971	461.5	466.2	477.7	485.1
1972	486.5	499.4	507.6	521.6B
1973	539.1	562.5	585.2	611.2
1974	656.3	690.3	726.5	753.1
1975	786.5	822.4	810.1B	838.9
1976	864.8	889.5	900.8	935.7
1977	942.5	965.3	992.1	1028.0
1978	1043.4			

(A) EXCLUDES NORTHERN TERRITORY AND AUSTRALIAN CAPITAL TERRITORY.

(B) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

QUARTERLY RETAIL SALES (A) - ALL OTHER GOODS  
(EXCLUDING MOTOR VEHICLES, PARTS, PETROL, ETC.)  
AT CONSTANT PRICES  
\$ MILLION



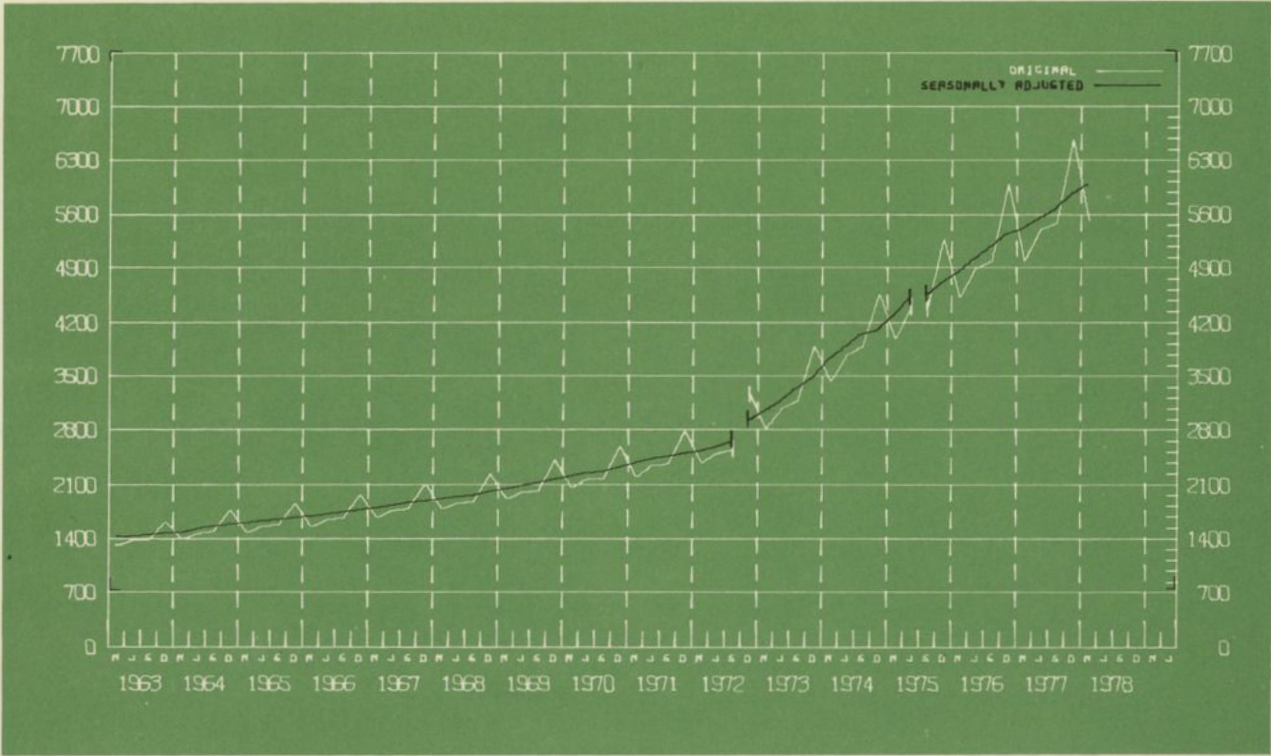
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
		ORIGINAL		
1968			356.7B	450.5
1969	367.1	368.2	384.0	479.9
1970	386.5	382.1	388.2	480.2
1971	383.7	383.1	393.4	477.4
1972	379.4	380.5	390.5	481.2C
1973	392.6	399.0	409.6	512.1
1974	432.3	447.2	451.0	553.6
1975	444.0	452.6	696.7D	851.6
1976	691.4	690.2	705.9	884.1
1977	686.8	687.3	717.6	897.1
1978	706.4			

## SEASONALLY ADJUSTED

1968			371.9B	384.4
1969	391.4	395.1	403.4	408.1
1970	415.4	407.7	406.1	408.8
1971	410.5	409.5	411.7	406.4
1972	402.1	404.6	408.0	412.4C
1973	418.7	424.1	430.7	437.3
1974	463.4	474.5	472.2	476.2
1975	475.0	477.6	734.5D	729.0
1976	732.3	731.7	739.8	754.7
1977	737.7	728.7	750.3	765.4
1978	762.8			

- (A) EXCLUDES NORTHERN TERRITORY AND AUSTRALIAN CAPITAL TERRITORY.  
 (B) UP TO JUNE QUARTER 1975 AT AVERAGE 1968-69 PRICES.  
 (C) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.  
 (D) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES. FROM SEPTEMBER QUARTER 1975 AT AVERAGE 1974-75 PRICES.

QUARTERLY RETAIL SALES (A) - ALL ITEMS  
(EXCLUDING MOTOR VEHICLES, PARTS, PETROL, ETC.)  
AT CURRENT PRICES  
\$ MILLION



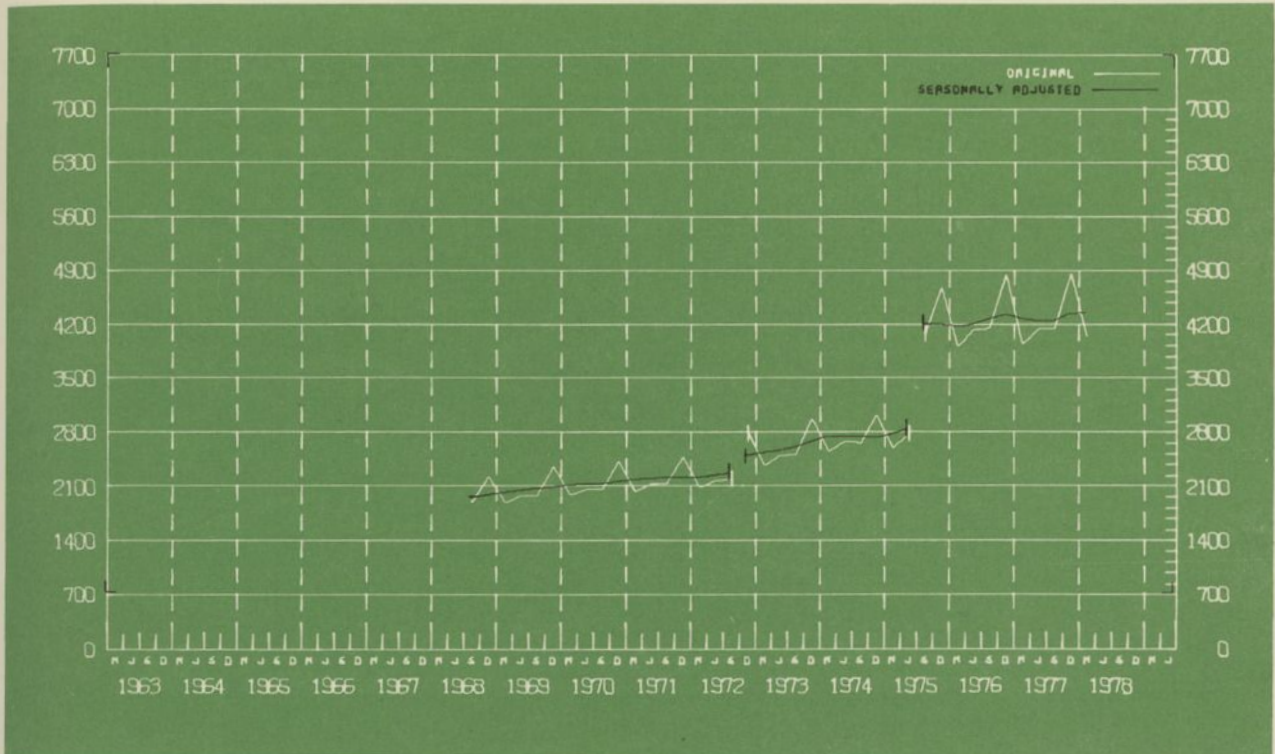
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1963	1301.8	1383.2	1387.8	1616.8
1964	1382.9	1471.3	1492.3	1758.3
1965	1470.7	1565.9	1579.0	1853.3
1966	1546.4	1646.1	1665.6	1963.5
1967	1662.0	1758.4	1789.5	2095.5
1968	1784.5	1864.2	1871.5	2225.6
1969	1897.4	2002.1	2019.0	2404.1
1970	2043.5	2165.1	2161.9	2593.8
1971	2189.6	2344.6	2361.3	2787.9
1972	2363.3	2505.8	2547.1	3255.8B
1973	2816.7	3084.2	3196.0	3898.6
1974	3422.3	3765.2	3886.7	4565.8
1975	3972.3	4394.2	4364.8B	5274.1
1976	4511.2	4895.1	5004.0	5995.1
1977	4974.4	5402.3	5486.1	6570.8
1978	5508.1			

SEASONALLY ADJUSTED

1963	1391.4	1414.6	1431.3	1453.1
1964	1462.0	1507.0	1541.2	1566.7
1965	1579.1	1603.8	1627.4	1649.0
1966	1660.4	1687.7	1718.0	1746.3
1967	1781.7	1805.3	1848.4	1868.6
1968	1889.8	1912.9	1935.9	1988.2
1969	2022.8	2053.7	2100.1	2138.7
1970	2185.9	2221.3	2241.0	2301.4
1971	2351.8	2401.6	2441.0	2474.8
1972	2506.8	2565.1	2633.8	2901.8B
1973	3021.9	3152.6	3312.7	3464.9
1974	3689.5	3846.2	4013.2	4076.1
1975	4267.3	4490.5	4522.5B	4689.5
1976	4824.2	4997.7	5146.7	5318.5
1977	5394.8	5513.8	5642.8	5832.9
1978	5968.0			

(A) EXCLUDES NORTHERN TERRITORY AND AUSTRALIAN CAPITAL TERRITORY.  
(B) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

QUARTERLY RETAIL SALES (A) - ALL ITEMS  
(EXCLUDING MOTOR VEHICLES, PARTS, PETROL, ETC.)  
AT CONSTANT PRICES  
\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
		ORIGINAL		
1968			1885.8B	2229.0
1969	1891.9	1989.8	1992.6	2350.3
1970	1982.6	2076.0	2059.5	2428.7
1971	2029.0	2140.9	2137.9	2476.7
1972	2085.9	2189.3	2197.2	2779.2C
1973	2366.0	2510.5	2523.3	2986.5
1974	2550.8	2688.7	2648.0	3025.3
1975	2584.2	2781.8	4067.7D	4669.7
1976	3899.0	4131.8	4159.2	4842.8
1977	3932.1	4150.0	4141.1	4858.5
1978	4025.4			

## SEASONALLY ADJUSTED

1968			1952.9B	1991.9
1969	2013.9	2041.7	2073.3	2092.4
1970	2118.3	2130.3	2133.6	2158.2
1971	2177.0	2192.6	2207.1	2204.5
1972	2209.5	2239.8	2267.4	2487.1C
1973	2534.0	2563.0	2608.7	2668.4
1974	2744.7	2741.2	2726.0	2717.8
1975	2771.0	2835.4	4201.3D	4180.4
1976	4162.2	4206.1	4263.1	4327.1
1977	4257.0	4222.8	4243.8	4344.7
1978	4353.9			

(A) EXCLUDES NORTHERN TERRITORY AND AUSTRALIAN CAPITAL TERRITORY.

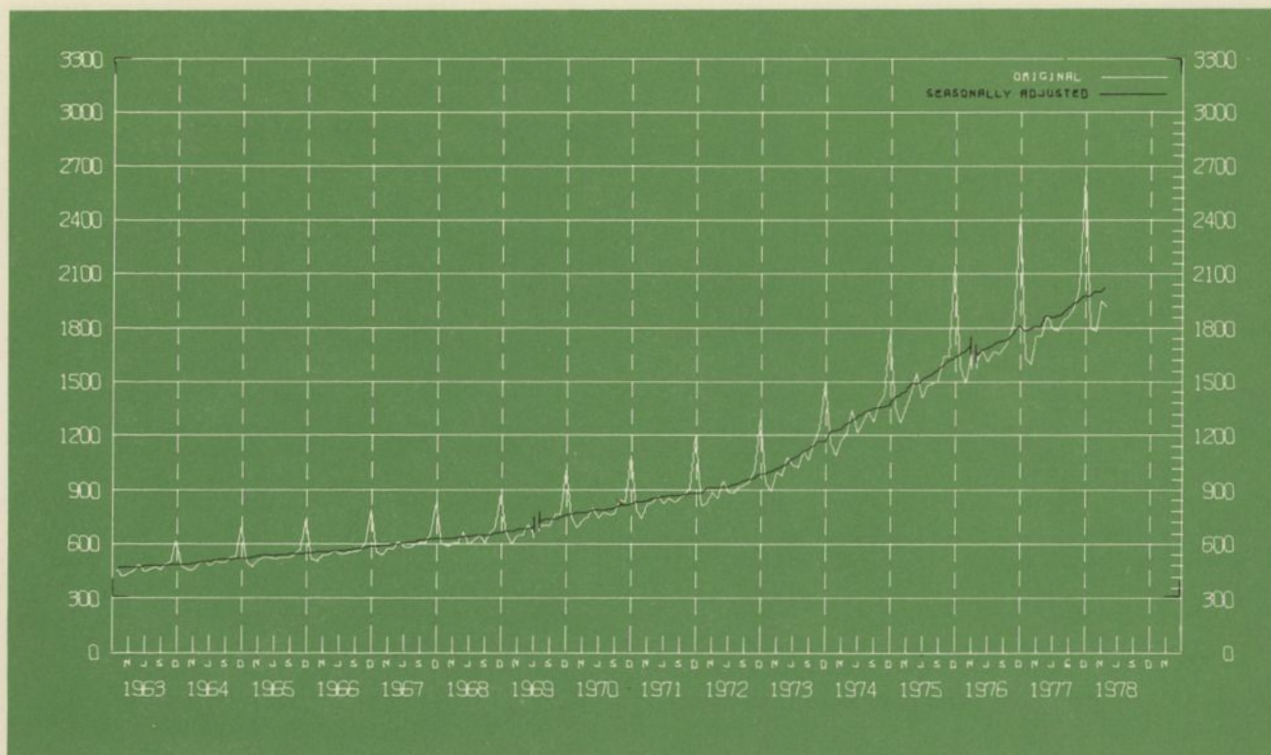
(B) UP TO JUNE QUARTER 1975 AT AVERAGE 1968-69 PRICES.

(C) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

(D) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES. FROM SEPTEMBER QUARTER 1975 AT AVERAGE 1974-75 PRICES.

MONTHLY RETAIL SALES (A) - ALL ITEMS  
(EXCLUDING MOTOR VEHICLES, PARTS, PETROL, ETC.)

\$ MILLION

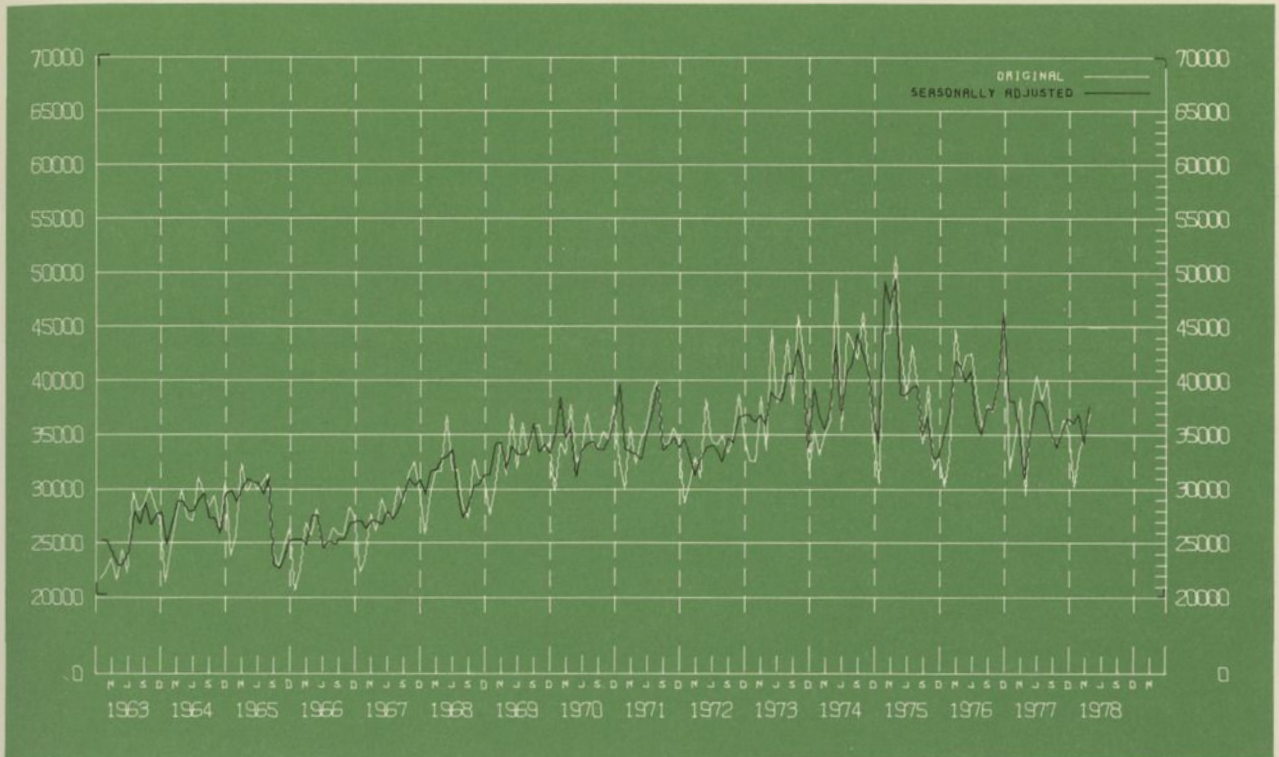


YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1963	447.3	416.0	438.5	451.4	488.4	443.4	464.8	472.8	450.2	493.6	504.9	618.3
1964	476.8	448.8	457.3	484.3	509.9	477.1	502.9	490.8	498.6	528.7	532.0	697.6
1965	496.7	466.0	508.0	527.4	530.4	508.1	530.6	519.1	529.3	545.6	567.1	740.6
1966	510.5	497.9	538.0	542.1	566.0	538.0	543.4	557.1	565.1	569.6	603.7	790.2
1967	548.5	534.6	578.9	563.4	613.5	581.5	578.6	601.9	609.0	614.1	656.4	825.0
1968	595.0	584.4	605.1	604.7	666.5	593.0	623.1	645.0	603.4	663.1	695.3	867.2
1969	652.6	597.3	647.5	646.2	710.8	645.1	704.8B	709.8	706.0	764.1	754.9	1007.9
1970	742.6	692.6	726.4	752.9	798.5	744.2	773.4	757.5	769.9	838.6	828.9	1089.0
1971	786.7	740.3	820.1	831.2	862.2	822.8	849.4	829.3	849.1	877.6	913.8	1193.0
1972	811.3	829.9	888.9	845.4	946.7	890.5	876.1	920.9	929.7	948.8	1015.6	1291.4
1973	937.9	885.2	993.6	969.3	1081.9	1032.9	1021.1	1111.0	1063.9	1163.7	1239.4	1495.5
1974	1157.3	1087.4	1177.6	1214.7	1341.1	1209.4	1278.6	1334.8	1273.3	1379.9	1429.4	1756.5
1975	1354.6	1263.6	1354.1	1442.0	1548.0	1404.2	1484.4	1494.3	1512.1	1644.2	1637.3	2149.1
1976	1576.1	1486.5	1645.9	1613.3B	1673.8	1608.0	1669.5	1648.9	1685.6	1731.4	1833.3	2430.4
1977	1628.2	1589.2	1757.0	1746.7	1869.0	1786.6	1776.9	1841.6	1867.6	1906.9	2018.0	2645.9
1978	1795.0	1769.0	1949.0	1910.0								
SEASONALLY ADJUSTED												
1963	463.0	464.6	464.3	469.9	469.3	477.1	477.7	477.2	474.8	487.4	480.7	483.9
1964	487.6	483.9	493.2	497.4	502.1	504.2	509.0	513.5	514.4	517.1	523.3	524.2
1965	524.3	525.8	531.3	541.0	529.1	536.2	539.1	542.4	544.2	546.5	546.5	549.4
1966	551.1	555.9	557.7	560.2	564.3	565.8	566.2	570.1	575.6	578.3	580.2	586.4
1967	590.7	596.8	596.3	597.7	599.2	605.0	612.4	612.4	624.5	622.7	628.2	626.1
1968	626.9	626.7	632.9	635.3	639.8	639.5	647.0	649.8	640.6	654.3	662.0	666.6
1969	671.9	667.3	686.4	678.8	680.8	696.3	726.8B	735.6	733.8	740.0	747.0	759.5
1970	767.1	772.6	776.9	774.5	789.2	782.5	785.3	790.7	800.3	815.0	818.2	821.8
1971	831.3	833.9	839.2	853.4	859.7	864.1	867.2	870.8	871.1	877.7	879.2	883.4
1972	873.2	907.1	906.1	904.2	918.6	918.8	930.5	935.5	951.7	960.3	967.3	992.8
1973	987.7	999.4	1012.6	1033.7	1046.5	1072.3	1086.8	1109.9	1130.9	1145.5	1170.4	1160.8
1974	1218.4	1228.8	1238.8	1264.2	1278.0	1302.4	1321.4	1336.7	1347.8	1355.0	1360.3	1368.4
1975	1408.4	1428.1	1447.0	1487.6	1481.2	1503.9	1528.0	1543.9	1566.8	1590.6	1619.3	1626.9
1976	1648.2	1665.8	1700.8	1642.4B	1668.1	1683.9	1698.1	1723.5	1729.6	1736.3	1765.0	1804.5
1977	1775.8	1795.8	1808.3	1791.9	1868.3	1850.0	1865.9	1870.8	1900.6	1928.5	1942.8	1971.3
1978	1965.3	1999.0	1990.0	2020.0								

(A) EXCLUDES SALES IN NORTHERN TERRITORY AND AUSTRALIAN CAPITAL TERRITORY.

(B) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

REGISTRATIONS OF NEW MOTOR VEHICLES - CARS AND STATION WAGONS  
NUMBER



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1963	21744	22381	23569	21526	24429	22053	29684	27922	28553	30051	28434	27082
1964	21252	24563	27608	29877	27349	26947	31068	29703	28239	29415	26168	30834
1965	23706	25658	32399	29681	30733	29940	30554	31393	23973	22676	24738	26304
1966	20496	22605	26937	25646	28207	24525	24945	26398	25684	25584	28257	27404
1967	22187	23363	27696	25975	29144	27529	27331	30210	28553	31442	32476	29635
1968	25675	29703	31643	31700	36823	31567	31825	28235	27243	32772	30870	30780
1969	27506	30314	34530	31185	36999	31826	36084	32942	35616	36008	33548	34321
1970	29722	34331	33091	37809	32378	33432	37031	34233	33656	35255	34375	37748
1971	32305	29914	35699	32151	34567	35634	38732	40038	34135	34004	35615	34430
1972	28585	30497	32883	30925	38280	34398	34000	35010	33221	34836	38828	34389
1973	32518	32356	38615	33436	44747	37783	39070	43796	37704	46086	42167	31647
1974	35397	33047	35059	36266	49407	35344	44371	43428	41854	46263	40698	34464
1975	30445	44388	44421	51553	42654	38181	43333	39422	34028	39613	31711	32875
1976	30132	33412	44789	40365	42347	42610	38231	35549	37837	36988	40278	46165
1977	31627	34513	38453	29303	37645	40514	38123	40057	34515	33975	36451	35177
1978	30125	33615	34881	36982								

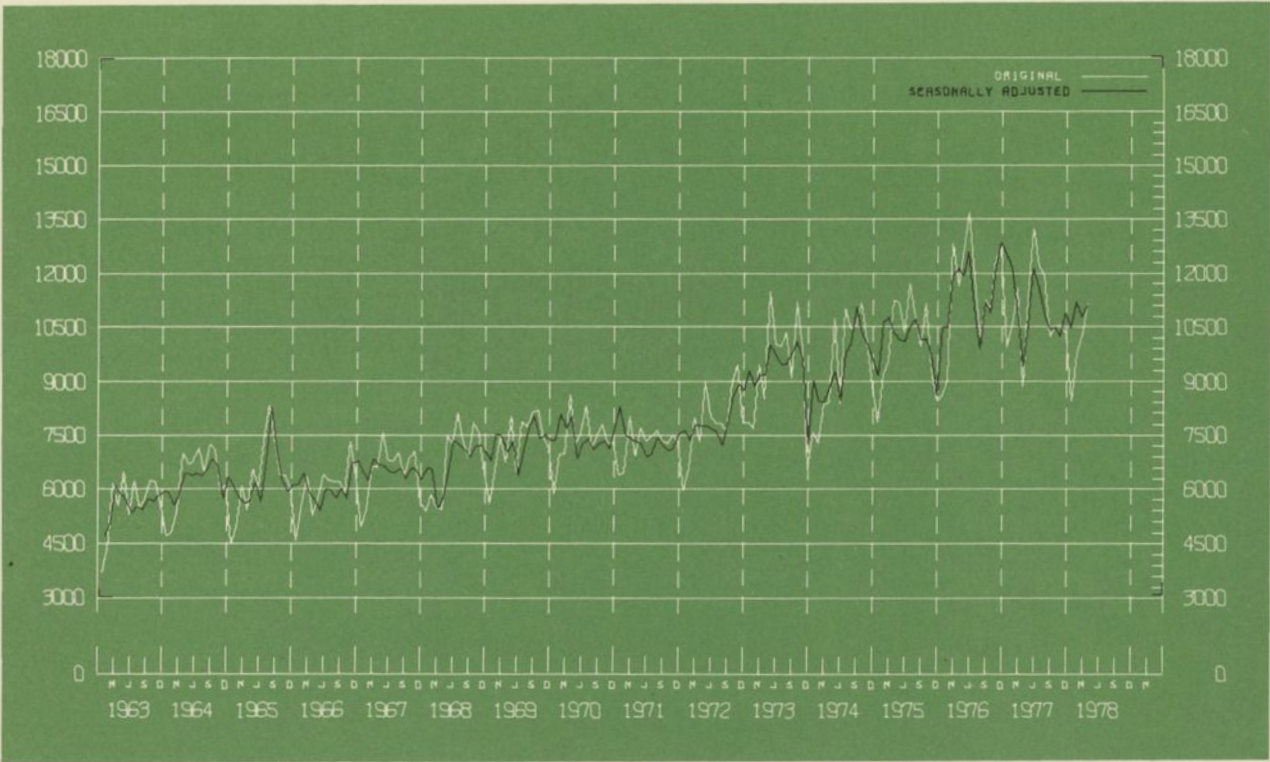
## SEASONALLY ADJUSTED

1963	24989	24835	23719	22601	22963	24123	27746	26531	28531	26380	27321	27678
1964	24553	26631	28625	28513	27655	27829	28843	29419	27040	27110	25591	29392
1965	29748	28516	29910	30749	30337	30258	29191	30817	22700	22333	23537	25147
1966	25228	25160	24525	27281	27366	24184	25024	24560	25221	25151	26578	26939
1967	26902	26104	26936	26697	26530	27771	26965	27837	29175	30813	30066	30655
1968	29323	31483	31727	32684	32930	33483	29447	27142	28336	30055	30415	31184
1969	31077	33970	34314	31609	33764	33043	33020	33486	35948	33226	34017	33130
1970	34559	38430	34493	35610	30946	33501	34110	34263	33490	33451	34399	36346
1971	39595	33457	33164	32971	32466	35044	36807	39597	33391	34000	34560	33662
1972	34515	32884	31134	32686	33701	33980	33517	32287	34583	34082	36482	36842
1973	36681	36049	36769	35681	38928	38231	38008	40611	40468	42838	40848	33577
1974	39274	36724	35346	37426	43334	36557	40701	41463	44258	42527	40751	36384
1975	33964	49194	46915	49382	38573	38651	39274	39640	34843	36604	32734	33030
1976	34759	36919	41772	41277	39798	40928	36065	34851	37367	37152	39651	46342
1977	38036	38005	35343	30792	35107	38100	37904	37097	35111	33716	35409	36530
1978	35950	36862	34092	37702								

NOTE - THIS SERIES IS SUBJECT TO LARGE IRREGULAR FLUCTUATIONS AND PARTICULAR CARE SHOULD BE EXERCISED IN INTERPRETING INDIVIDUAL MONTH-TO-MONTH MOVEMENTS.

REGISTRATIONS OF NEW MOTOR VEHICLES - OTHER VEHICLES

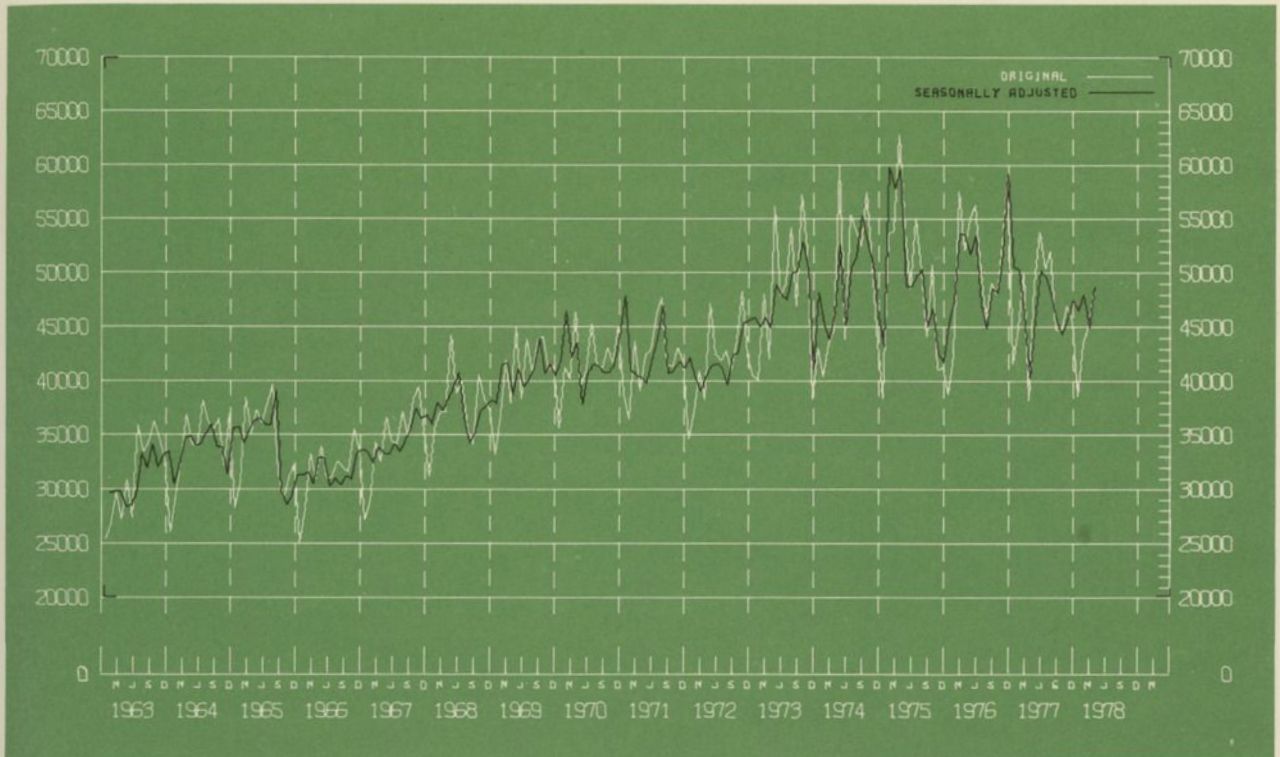
NUMBER



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1963	3703	4369	6162	5531	6477	5274	6246	5472	5749	6243	6155	5482
1964	4682	4840	5436	6985	6703	6817	7150	6460	7222	7074	5971	6126
1965	4458	4945	6100	5388	6565	6022	7326	8335	7380	6384	6358	6013
1966	4551	5599	6346	5264	5765	6417	6210	6186	6204	5875	7328	6315
1967	4910	5390	6642	6563	7582	6758	6765	7023	6343	6882	7056	5618
1968	5379	5847	5453	5401	7475	7217	8141	7309	6829	7857	7532	6425
1969	5594	6530	7478	6719	8048	6456	7858	7695	8135	8225	7441	7100
1970	5853	6996	6974	8627	7243	7571	8303	7130	7458	7799	7257	7326
1971	6402	6470	8050	6873	7724	7325	7471	7634	7349	7234	7485	7270
1972	5937	6569	8000	7291	8967	8012	7804	7800	7587	8969	9457	7815
1973	7874	7657	9478	8504	11475	9980	9942	10362	9053	11190	9886	6532
1974	7594	7267	8377	8422	10736	8333	11019	10449	10595	11190	10074	8864
1975	7830	9185	9554	11246	11134	10327	11713	10753	9940	11169	9299	8441
1976	8600	9016	12843	11617	12656	13679	11855	10097	11246	10953	12420	12720
1977	9908	10532	11590	8806	11319	13262	12174	11899	10190	10536	10565	10296
1978	8406	9768	10250	11161								
SEASONALLY ADJUSTED												
1963	4714	5065	6084	5838	5657	5332	5531	5385	5710	5626	5834	5927
1964	5869	5534	5931	6453	6366	6462	6316	6532	6842	6622	5721	6317
1965	6050	5716	5567	5697	6214	5607	6783	8271	6979	6188	5919	6134
1966	6124	6459	5874	5676	5363	5970	5948	5731	6006	5692	6718	6772
1967	6443	6218	6841	6622	6609	6446	6462	6556	6283	6572	6478	6225
1968	6557	6512	5429	5722	6494	7342	7192	7060	6873	7133	7241	6994
1969	6750	7527	7416	6991	7332	6336	7045	7674	8013	7357	7485	7285
1970	7376	8059	7644	8000	6790	7227	7368	7062	7252	7321	7081	7646
1971	8282	7456	7346	7255	7197	6853	7001	7418	7159	7026	7127	7487
1972	7605	7333	7736	7725	7698	7635	7536	7180	7747	8570	8881	8714
1973	9243	8815	9140	9164	9978	9661	9422	9436	9710	10088	9559	7198
1974	8967	8376	8382	8778	9233	8409	9755	10010	11027	10248	9991	9565
1975	9093	10597	10747	10261	10088	10017	10465	10665	10081	10126	9666	8524
1976	10484	10398	11869	12076	11840	12558	10972	9819	11172	10837	12134	12815
1977	12448	12100	10875	9324	10465	12099	11592	10837	10368	10439	10171	10873
1978	10402	11167	10698	11048								

NOTE - THIS SERIES IS SUBJECT TO LARGE IRREGULAR FLUCTUATIONS AND PARTICULAR CARE SHOULD BE EXERCISED IN INTERPRETING INDIVIDUAL MONTH-TO-MONTH MOVEMENTS.

REGISTRATIONS OF NEW MOTOR VEHICLES - TOTAL  
NUMBER



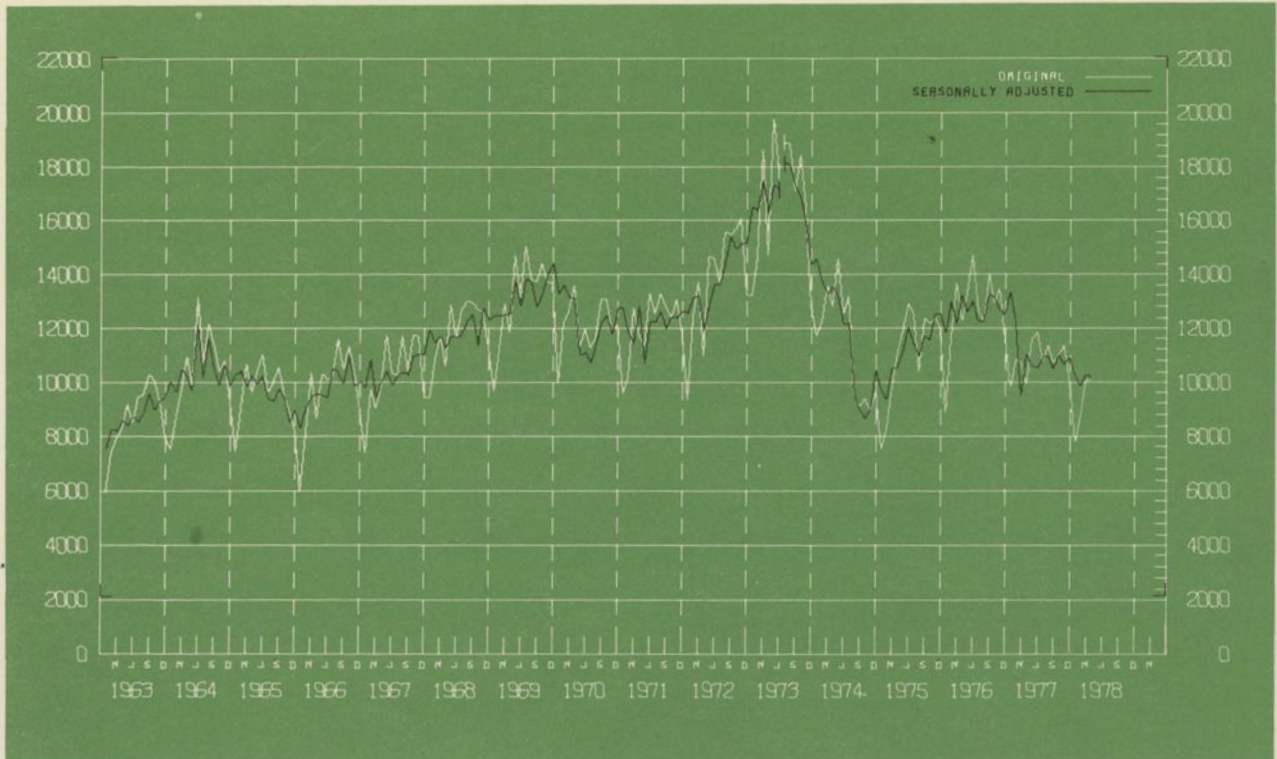
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1963	25447	26750	29731	27057	30906	27327	35930	33394	34302	36294	34589	32564
1964	25934	29403	33044	36862	34052	33764	38218	36163	35461	36489	32139	36960
1965	28164	30603	38499	35069	37298	35962	37880	39728	31353	29060	31096	32317
1966	25047	28204	33283	30910	33972	30942	31155	32584	31888	31459	35585	33719
1967	27097	28753	34338	32538	36726	34287	34096	37233	34896	38324	39532	35253
1968	31054	35550	37096	37101	44298	38784	39966	35544	34072	40629	38402	37205
1969	33100	36844	42008	37904	45047	38282	43942	40637	43751	44233	40989	41421
1970	35575	41327	40065	46436	39621	41003	45334	41363	41114	43054	41632	45074
1971	38707	36384	43749	39024	42291	42959	46203	47672	41484	41238	43100	41700
1972	34522	37066	40883	38216	47247	42410	41804	42810	40808	43805	48285	42204
1973	40392	40013	48093	41940	56222	47763	49012	54158	46757	57276	52053	38179
1974	42991	40314	43436	44688	60143	43677	55390	53877	52449	57453	50772	43328
1975	38275	53573	53975	62799	53788	48508	55046	50175	43968	50782	41010	41316
1976	38732	42428	57632	51982	55003	56289	50086	45646	49083	47941	52698	58885
1977	41535	45045	50043	38109	48964	53776	50297	51956	44705	44511	47016	45473
1978	38531	43383	45131	48143								

## SEASONALLY ADJUSTED

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1963	29703	29900	29803	28439	28620	29455	33277	31916	34241	32006	33155	33605
1964	30422	32165	34556	34966	34021	34291	35159	35951	33882	33732	31312	35709
1965	35798	34232	35477	36446	36551	35865	35974	39088	29679	28521	29456	31281
1966	31352	31619	30399	32957	32729	30154	30972	30291	31227	30843	33296	33711
1967	33345	32322	33777	33319	33139	34217	33427	34393	35458	37385	36544	36880
1968	35880	37995	37156	38406	39424	40825	36639	34202	35209	37188	37656	38178
1969	37827	41497	41730	38600	41096	39379	40065	41160	43961	40583	41502	40415
1970	41935	46489	42137	43610	37736	40728	41478	41325	40742	40772	41480	43992
1971	47877	40913	40510	40226	39663	41897	43808	47015	40550	41026	41687	41149
1972	42120	40217	38870	40411	41399	41615	41053	39467	42330	42652	45363	45556
1973	45924	44864	45909	44845	48906	47892	47430	50047	50178	52926	50407	40775
1974	48241	45100	43728	46204	52567	44966	50456	51473	55285	52775	50742	45949
1975	43057	59791	57662	59643	48661	48668	49739	50305	44924	46730	42400	41554
1976	45243	47317	53641	53353	51638	53486	47037	44670	48539	47989	51785	59157
1977	50484	50105	46218	40116	45572	50199	49496	47934	45479	44155	45580	47403
1978	46352	48029	44790	48750								

NOTE - THIS SERIES IS SUBJECT TO LARGE IRREGULAR FLUCTUATIONS AND PARTICULAR CARE SHOULD BE EXERCISED IN INTERPRETING INDIVIDUAL MONTH-TO-MONTH MOVEMENTS.

TOTAL NEW DWELLINGS APPROVED  
NUMBER

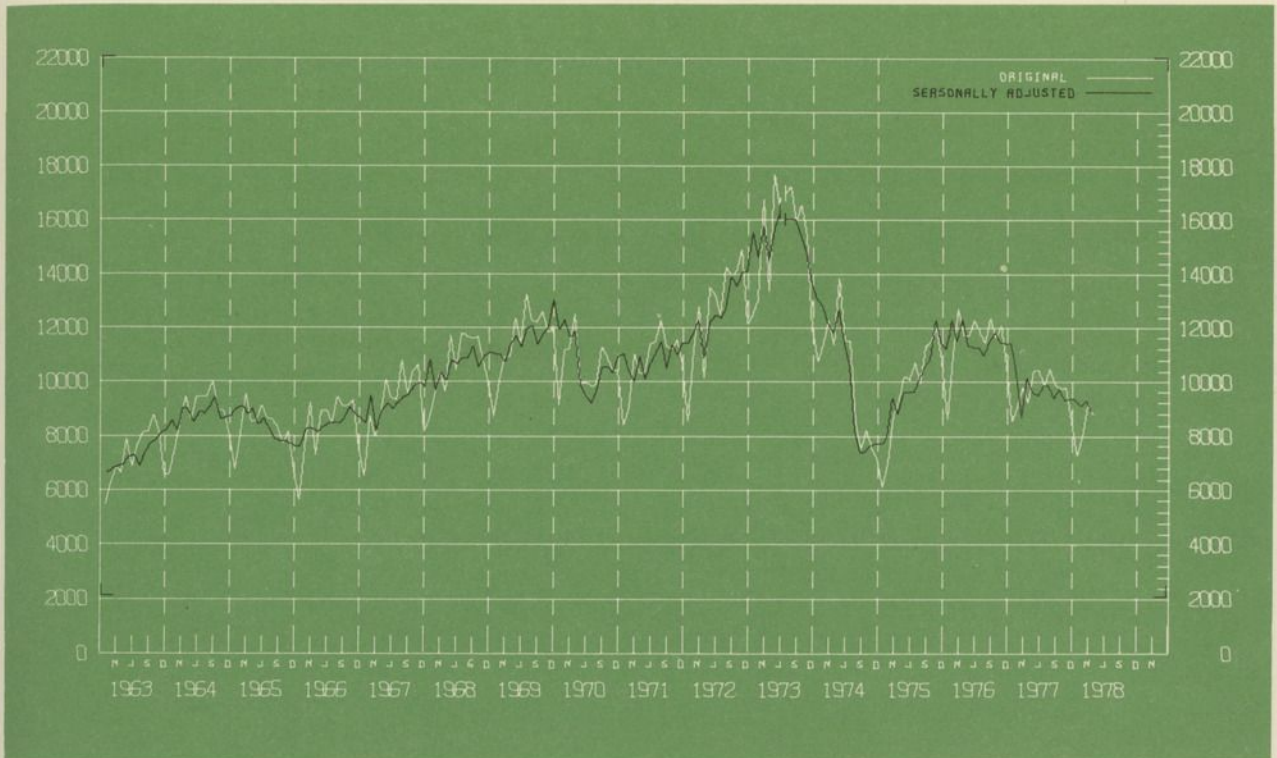


YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1963	5925	7417	7947	8297	9186	8467	9465	9541	10284	10022	9256	7929
1964	7467	8748	9752	10959	9826	13175	10681	12146	11395	10359	10814	9247
1965	7412	9022	10670	9596	10391	11058	9588	10004	10571	9498	8899	8212
1966	5933	8148	10354	8615	10279	10083	10253	11603	10421	11339	10377	8921
1967	7357	9775	8981	9845	11760	10305	10207	11701	10369	11779	11649	9419
1968	9380	10846	11714	10574	12886	11604	12662	12994	12933	12673	12545	11256
1969	9622	11214	12909	11798	14732	13123	15029	13772	13698	14399	13680	13687
1970	9973	12221	12624	13588	11307	11953	11248	11681	13093	13030	11861	12179
1971	9560	10164	12740	11683	11271	13294	12507	13269	12749	12364	13073	11731
1972	9315	12414	13732	10938	14622	14545	13656	15577	15442	15693	16085	13181
1973	13176	14633	18658	14666	19816	17801	18892A	18787	17094	18433	16430	12772
1974	11662	12236	13545	12748	14591	12530	13209	9486	9062	9404	8916	9623
1975	7482	8301	9901	11094	11913	12932	12478	10378	12372	12158	12370	11977
1976	8838	11687	13661	12242	13292	14660	12581	12215	14011	12869	13476	11572
1977	9811	10835	10678	9888	11590	11848	10726	11361	10667	11041	11369	9900
1978	7762	8744	10062	10027								
SEASONALLY ADJUSTED												
1963	7484	8219	8098	8514	8324	8639	8440	8806	9512	8876	9245	9418
1964	9942	9538	10395	10151	9546	12058	10034	11564	10477	9791	10607	9778
1965	10181	10375	9776	10179	9841	10159	9323	9179	9697	9377	8381	8920
1966	8203	9001	9395	9508	9390	9313	10424	10270	9838	10914	9763	9954
1967	9740	10782	9317	9965	10366	9808	10156	10313	10142	10919	11011	10924
1968	11866	11350	11656	11145	11640	11576	11711	12214	12448	11247	12662	12254
1969	12407	12373	12441	12470	13689	12724	13772	13567	12694	13215	13938	14349
1970	13175	13510	13022	13020	10914	11059	10613	11314	12148	12399	11695	12661
1971	12625	11718	11324	12779	10581	12152	12169	12536	11871	12368	12291	12555
1972	12449	13041	13170	11856	12773	13556	13508	14272	15338	14832	15080	15117
1973	16429	16226	17455	16204	17251	17033	18024A	17948	17169	16815	15858	14263
1974	14471	13591	13194	13440	13103	12025	12122	9422	8875	8541	8908	10369
1975	9599	9240	10457	10478	11017	11975	11365	10845	11616	11428	12456	12469
1976	11714	12915	12025	13168	12462	12908	12156	12102	13174	13038	12584	12341
1977	13265	12097	9352	10958	10467	10408	10797	10929	10343	10919	10566	10836
1978	10151	9765	10157	10090								

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

NOTE - THIS SERIES IS SUBJECT TO LARGE IRREGULAR FLUCTUATIONS AND PARTICULAR CARE SHOULD BE EXERCISED IN INTERPRETING INDIVIDUAL MONTH-TO-MONTH MOVEMENTS.

NEW PRIVATE DWELLINGS APPROVED  
NUMBER



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1963	5457	6208	6807	6594	7867	6852	7656	8120	8161	8758	8123	6518
1964	6637	7539	8588	9453	8542	9430	9458	9482	10016	8979	8856	7958
1965	6705	8082	9563	8472	8583	9131	8610	8579	8283	7685	8153	6681
1966	5615	7616	9221	7256	8919	8976	8432	9430	9065	9121	9322	7478
1967	6499	8738	7928	8708	10081	9357	9278	10781	9518	10405	10625	8109
1968	8618	9466	10369	9597	11701	10381	11799	11639	11568	11666	10813	9907
1969	8665	10045	10957	10916	12373	11379	13251	12246	12151	12597	11792	12027
1970	9130	11169	11276	12534	9916	9974	9790	9910	11287	10889	10406	10380
1971	8375	9004	11033	10298	10350	11402	11533	12279	11270	11166	11550	10582
1972	8526	11208	12780	10120	13474	13196	12446	14252	13936	14117	14920	12113
1973	12501	13048	16791	13309	17725	16416	16985A	17227	15906	16569	15381	11911
1974	10710	11348	12297	11304	13851	11471	11465	8474	7468	8195	7525	7066
1975	6097	7013	8730	9285	10186	10043	10737	9909	11305	11535	12000	10745
1976	8612	10954	12717	11733	11687	12271	11836	11381	12363	11598	12089	10585
1977	8536	9097	9785	9185	10444	10401	9856	10489	9871	9725	9815	8522
1978	7258	7962	9151	8757								

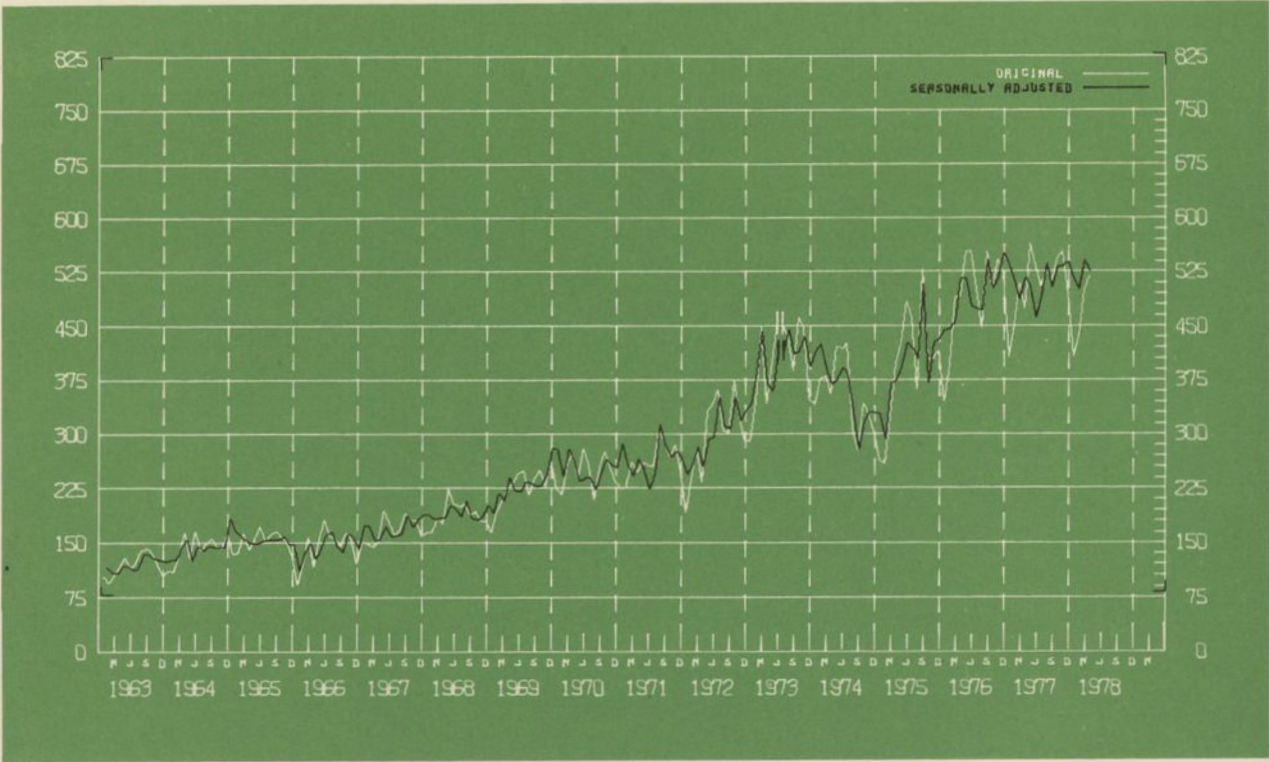
## SEASONALLY ADJUSTED

1963	6559	6711	6854	6865	7167	7222	6774	7311	7627	7791	8056	8156
1964	8496	8079	8966	8878	8408	8806	8714	9016	9379	8533	8622	8686
1965	8959	9046	8712	8925	8313	8553	8180	7799	7695	7694	7619	7497
1966	7608	8213	8196	8047	8256	8395	8437	8371	8575	8983	8722	8579
1967	8374	9425	8067	8825	9123	8930	9163	9375	9474	9774	9925	9701
1968	10775	9616	10261	9958	10718	10543	10845	10816	11268	10447	10865	11035
1969	10932	10931	10621	11340	11654	11198	11902	12028	11295	11712	11958	12969
1970	11821	12239	11545	11787	9787	9350	9100	9620	10466	10462	10249	10865
1971	11000	10285	9914	10863	10018	10623	11023	11424	10392	11329	10894	11389
1972	11375	11703	12231	10780	12124	12406	12281	12685	13821	13425	14011	14061
1973	15491	14511	15709	14428	15619	16206	15952A	15958	15919	15326	14735	13564
1974	12949	12709	12094	11693	12629	11362	10468	8113	7278	7397	7611	7670
1975	7635	7896	9351	8709	9533	9611	9564	10037	10531	10788	12226	11374
1976	11108	12229	11399	12293	11263	11172	11202	10861	11458	11750	11420	11321
1977	11402	10297	8581	10133	9576	9416	9786	9789	9333	9682	9257	9361
1978	9249	9022	9240	8833								

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

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VALUE OF TOTAL BUILDING APPROVED  
\$ MILLION

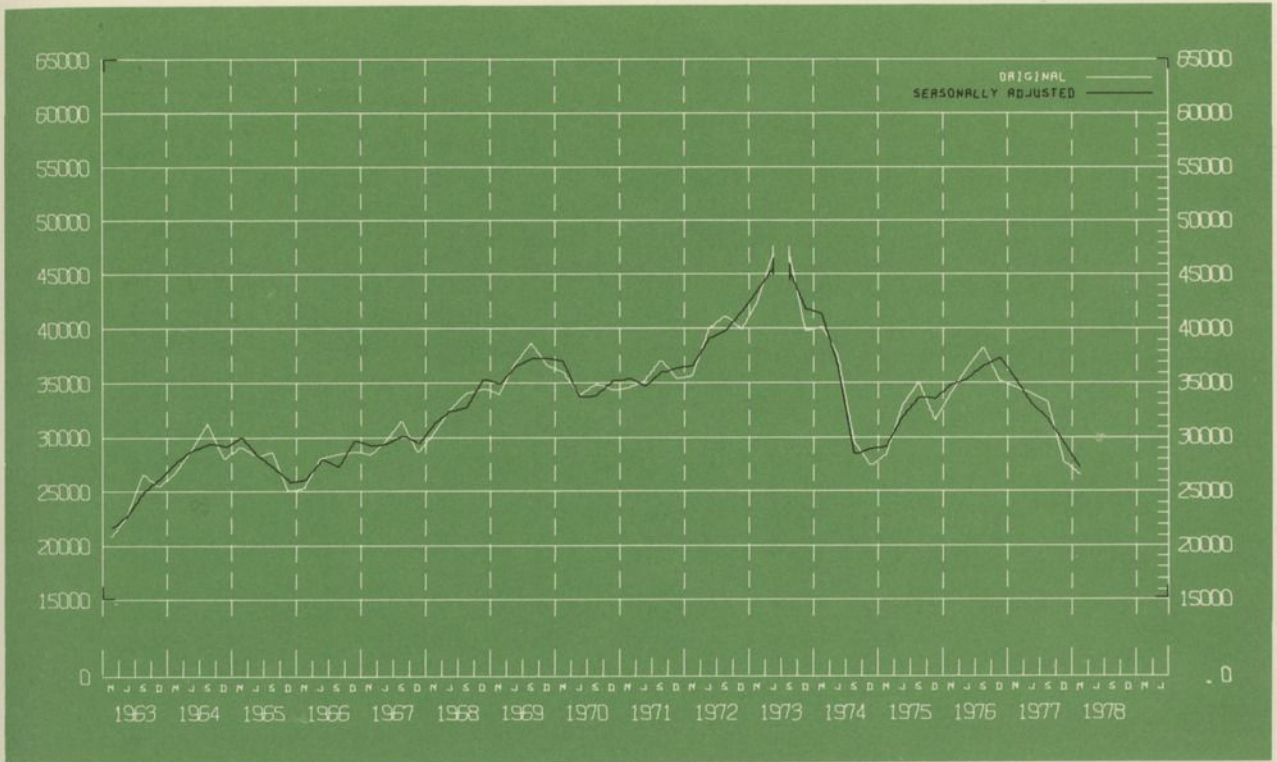


YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1963	101.3	93.4	104.9	115.5	129.6	114.8	120.9	138.8	142.5	134.6	120.6	103.8
1964	111.7	107.6	133.5	165.4	126.9	167.1	139.8	147.9	156.3	144.3	140.7	162.0
1965	133.8	136.3	163.3	139.4	154.5	173.0	151.6	160.5	166.8	156.7	150.2	130.4
1966	90.2	118.5	158.1	115.3	154.4	182.1	157.2	152.6	144.5	162.9	155.0	119.6
1967	149.8	147.7	142.4	153.6	195.5	176.6	158.3	168.1	190.7	180.4	181.6	159.0
1968	165.1	165.2	182.4	175.0	223.4	202.6	198.7	203.3	187.2	193.8	179.0	180.4
1969	162.3	193.1	207.6	225.5	233.1	245.6	249.8	215.0	238.8	251.2	226.1	264.0
1970	224.3	214.3	259.1	273.7	239.1	279.8	256.1	208.7	253.1	276.0	253.0	233.1
1971	223.4	228.3	260.7	246.2	260.3	255.6	254.0	303.6	290.0	266.9	284.7	246.8
1972	189.9	238.9	280.9	232.5	332.0	341.9	361.1	302.5	299.8	373.9	322.1	289.2
1973	287.4	344.6	450.1	340.3	399.3	456.5	447.8A	434.1	386.5	462.0	445.3	346.7
1974	339.0	376.9	380.8	354.4	421.9	417.7	426.3	304.9	276.6	344.2	325.1	302.1
1975	263.2	257.1	324.2	398.6	426.6	484.6	461.1	359.6	529.5	402.1	405.5	415.8
1976	343.2	396.2	490.5	488.4	554.0	553.7	499.5	445.9	553.4	501.7	543.5	522.4
1977	405.7	450.8	510.0	472.5	563.5	533.0	502.1	526.2	509.8	542.3	554.2	492.6
1978	407.2	434.9	500.2	518.9								
SEASONALLY ADJUSTED												
1963	114.5	107.1	105.6	117.7	116.0	109.5	116.1	132.8	130.1	125.1	123.6	121.9
1964	126.2	122.7	143.8	153.1	122.3	144.6	136.2	144.6	140.7	140.3	141.2	183.7
1965	163.6	155.4	149.5	145.6	146.3	151.6	152.9	152.0	152.0	157.3	146.1	146.0
1966	108.1	134.8	147.5	125.2	140.7	159.8	162.8	140.8	133.4	159.9	153.4	137.8
1967	172.7	168.0	149.8	155.0	171.6	154.9	159.3	160.6	185.3	168.6	180.5	187.6
1968	184.5	178.7	183.3	181.2	199.6	191.4	183.0	205.2	179.9	176.9	185.1	198.8
1969	187.4	215.6	204.3	239.2	217.6	216.5	231.2	228.3	224.1	228.6	241.8	278.7
1970	273.2	236.9	278.1	259.9	231.0	237.1	235.1	219.7	242.3	262.8	252.5	249.4
1971	285.2	252.3	238.5	262.4	246.1	219.0	242.0	309.8	279.1	264.0	273.1	262.2
1972	240.4	253.1	279.0	250.5	289.5	294.4	348.2	305.3	302.1	348.1	313.1	330.3
1973	339.3	383.8	439.4	364.0	353.8	408.7	412.6A	442.1	405.8	412.7	432.4	388.5
1974	410.7	421.0	386.0	365.0	371.7	388.6	377.1	325.7	273.3	313.1	327.1	324.5
1975	321.8	288.4	365.3	371.9	389.8	422.6	414.4	398.8	506.2	366.3	422.9	429.3
1976	441.3	442.5	452.9	513.0	512.2	471.9	467.4	466.6	539.0	496.7	512.6	547.2
1977	531.6	508.8	481.7	513.7	497.6	455.4	486.3	532.2	497.4	528.7	529.4	535.4
1978	512.2	495.0	536.5	520.6								

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

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TOTAL NEW DWELLINGS COMMENCED  
NUMBER



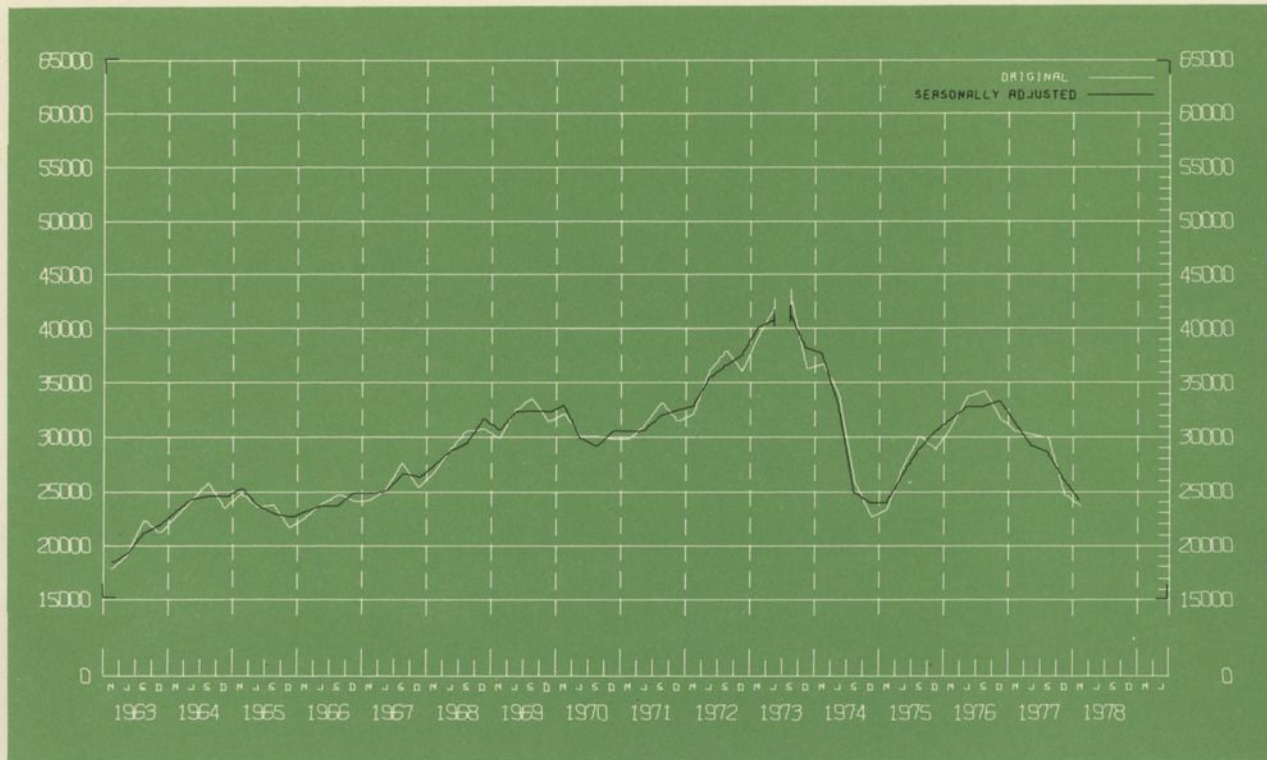
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1963	20849	22749	26608	25413
1964	26807	28752	31312	28032
1965	29131	28234	28741	24954
1966	25401	28108	28529	28675
1967	28289	29623	31463	28606
1968	30445	32603	34062	34520
1969	33932	36788	38651	36493
1970	35903	33932	34936	34337
1971	34574	35165	37060	35380
1972	35705	40002	41236	39949
1973	42434	46892	46882A	39778
1974	40221	37541	29474	27340
1975	28444	32851	35140	31491
1976	34068	36359	38318	35062
1977	34484	33853	33090	27579
1978	26398			

SEASONALLY ADJUSTED

1963	21611	22859	24972	26159
1964	27708	28824	29387	29023
1965	30022	28158	27133	25817
1966	26148	27945	27075	29617
1967	29065	29378	30119	29335
1968	31267	32351	32760	35254
1969	34820	36473	37345	37176
1970	36839	33569	33788	35115
1971	35432	34608	35896	36380
1972	36597	39135	39834	41504
1973	43452	45604	45193A	41657
1974	41197	36384	28287	28862
1975	29083	31833	33609	33376
1976	34808	35292	36496	37264
1977	35240	32883	31457	29345
1978	26979			

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

NEW PRIVATE DWELLINGS COMMENCED  
NUMBER



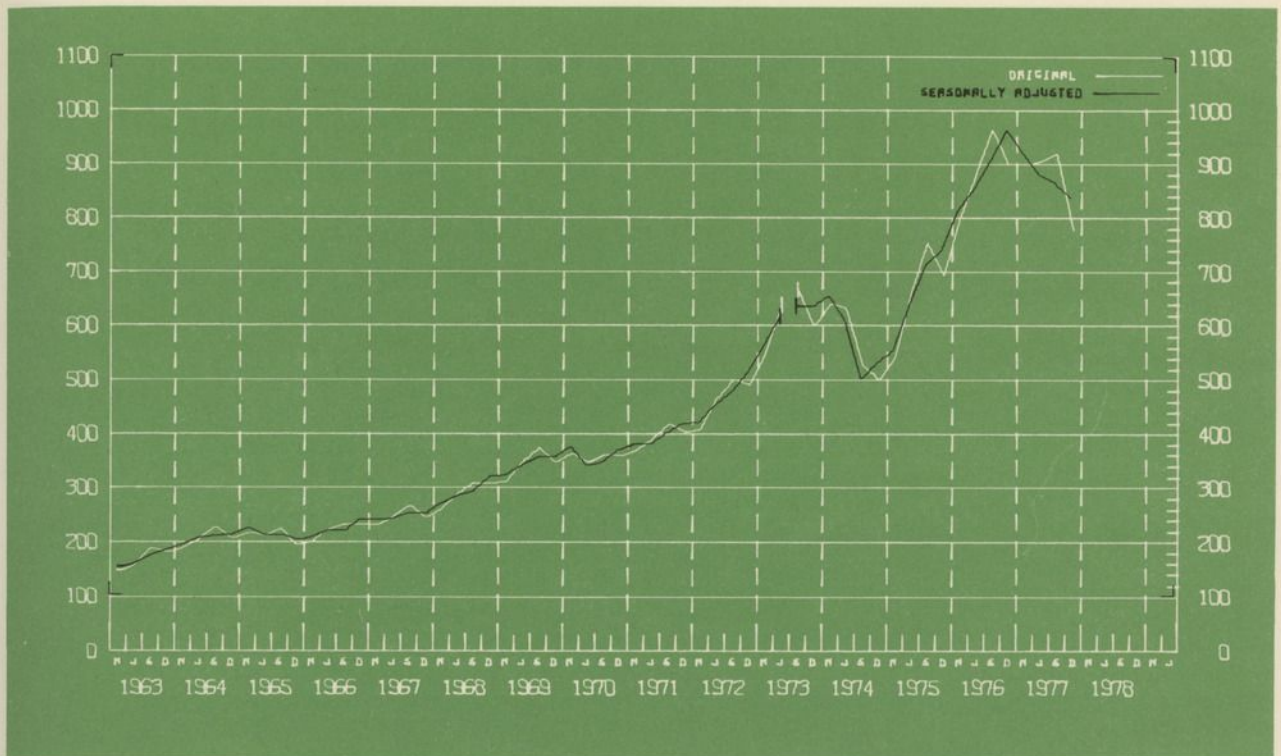
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
		ORIGINAL		
1963	17826	19175	22343	21066
1964	22664	24191	25827	23382
1965	24780	23545	23835	21583
1966	22606	23774	24741	24006
1967	24167	25195	27600	25349
1968	26784	28879	30620	30793
1969	29835	32518	33641	31371
1970	32214	29973	30034	29658
1971	29811	31055	33166	31430
1972	32213	36249	37998	36028
1973	39326	42033	42946A	36342
1974	36836	34010	25773	22599
1975	23395	27336	30058	28841
1976	31039	33828	34313	31564
1977	30442	30110	29766	24575
1978	23495			

## SEASONALLY ADJUSTED

1963	18226	19221	21147	21822
1964	23120	24205	24457	24302
1965	25245	23470	22671	22376
1966	23064	23643	23606	24840
1967	24654	25010	26486	26075
1968	27356	28679	29445	31592
1969	30490	32251	32431	32154
1970	32942	29652	28958	30541
1971	30427	30588	32016	32544
1972	32854	35530	36614	37610
1973	40104	40948	41359A	38150
1974	37618	32990	24771	23838
1975	23898	26462	28863	30464
1976	31739	32751	32879	33357
1977	31182	29136	28502	25971
1978	24087			

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

VALUE OF TOTAL NEW DWELLINGS COMMENCED  
\$ MILLION



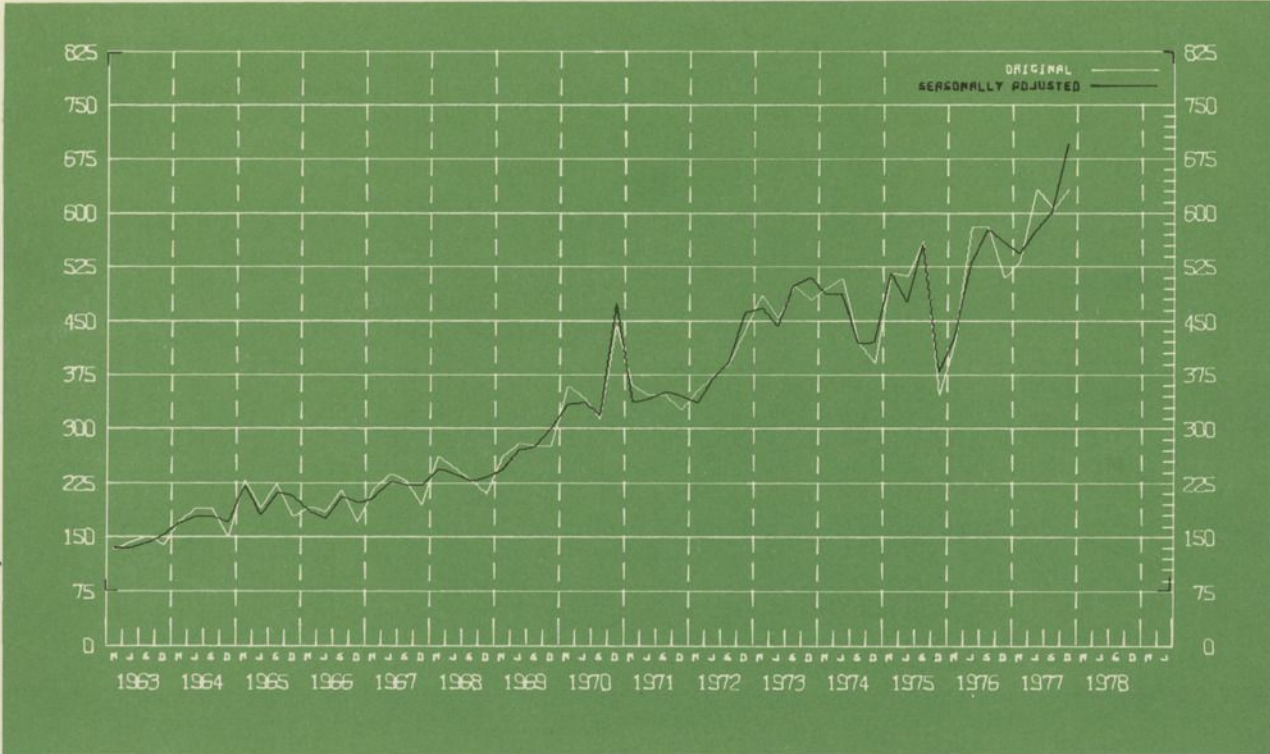
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1963	145.9	158.4	188.2	179.3
1964	189.6	206.1	227.5	206.3
1965	218.4	210.7	225.4	194.6
1966	201.9	223.2	233.2	232.2
1967	230.9	247.3	267.5	244.7
1968	262.0	290.1	309.3	310.0
1969	312.6	348.1	373.7	346.1
1970	363.6	346.5	362.5	358.4
1971	370.4	389.2	418.5	402.7
1972	410.6	466.3	500.4	487.3
1973	550.9	637.4	665.4A	598.3
1974	639.7	630.9	525.9	497.9
1975	542.4	661.2	753.1	691.7
1976	797.6	881.9	963.6	897.3
1977	898.1	906.0	919.4	777.3

## SEASONALLY ADJUSTED

1963	151.5	159.7	175.2	185.1
1964	196.7	207.1	211.9	214.1
1965	226.3	210.2	211.2	201.9
1966	209.3	221.6	219.3	241.0
1967	239.2	244.3	253.6	252.8
1968	271.4	286.1	294.5	319.4
1969	323.6	342.5	357.6	356.2
1970	376.0	340.2	347.2	370.9
1971	381.8	380.3	401.5	419.6
1972	422.3	453.5	479.0	513.2
1973	564.9	617.2	635.6A	635.1
1974	655.5	609.9	499.7	532.6
1975	554.7	639.7	713.0	741.8
1976	815.8	855.4	908.2	963.9
1977	919.4	879.9	864.6	835.4

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

VALUE OF OTHER BUILDING COMMENCED  
\$ MILLION



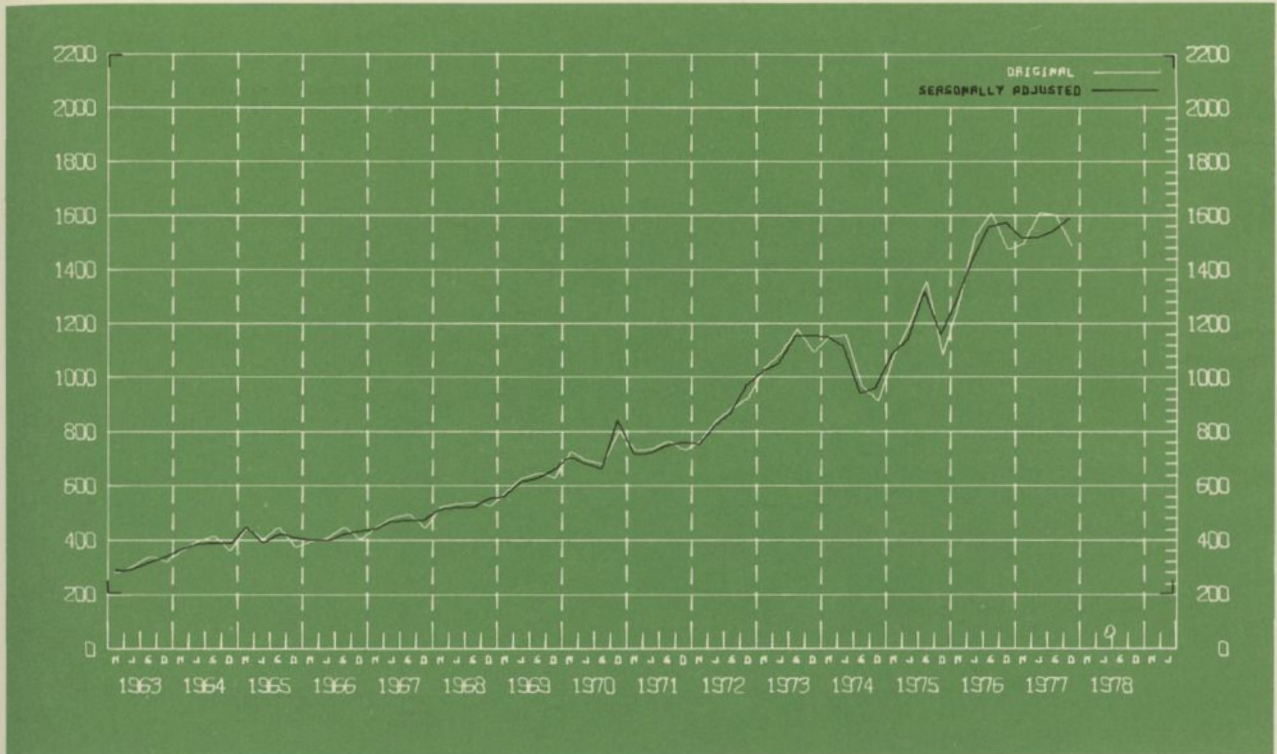
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
		ORIGINAL		
1963	133.3	143.7	152.2	138.0
1964	172.2	189.0	188.6	149.0
1965	227.5	188.3	223.3	177.0
1966	192.6	182.9	214.4	168.9
1967	216.7	237.0	226.7	193.9
1968	260.8	244.1	228.7	208.6
1969	262.6	278.5	274.7	276.5
1970	358.7	342.0	311.6	443.4
1971	358.2	345.2	346.4	325.8
1972	352.2	374.1	389.5	438.7
1973	485.4	453.2	498.3	478.4
1974	494.9	510.7	418.0	389.7
1975	515.9	510.4	560.4	345.0
1976	422.3	580.1	580.9	507.8
1977	532.2	632.4	603.8	632.7

SEASONALLY ADJUSTED

1963	134.5	137.1	144.5	153.9
1964	171.3	180.5	178.3	170.0
1965	222.3	179.9	211.4	205.0
1966	185.3	174.6	205.2	195.9
1967	205.3	227.2	220.6	222.2
1968	244.4	235.6	226.6	234.0
1969	244.5	271.6	276.3	302.1
1970	334.2	337.4	315.8	473.3
1971	336.4	342.5	351.4	343.5
1972	334.1	370.4	392.9	462.7
1973	468.1	441.1	499.8	509.5
1974	485.4	486.6	416.6	419.9
1975	516.1	474.2	557.2	376.4
1976	427.0	531.1	576.5	557.4
1977	541.5	574.6	599.4	696.2

## VALUE OF TOTAL BUILDING COMMENCED

\$ MILLION

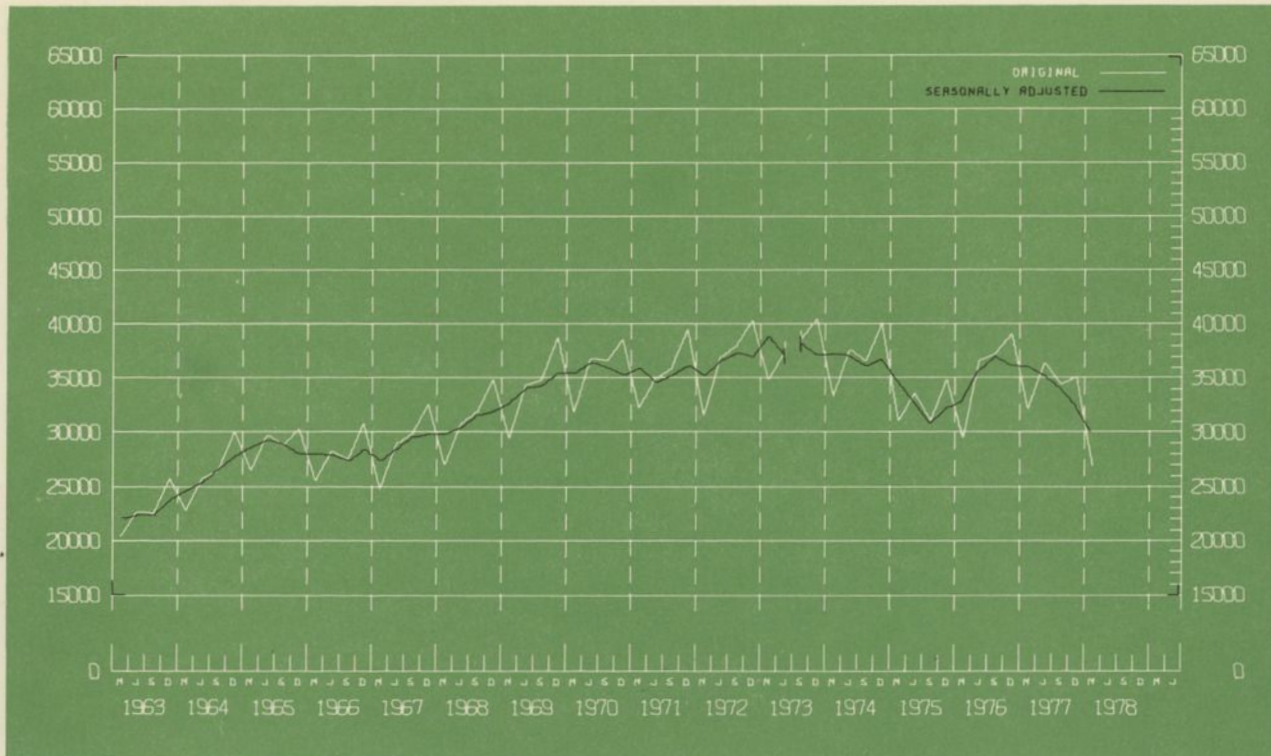


YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1963	279.3	302.1	340.4	317.3
1964	361.8	395.1	416.1	355.3
1965	445.9	399.1	448.7	371.6
1966	394.5	406.1	447.6	401.1
1967	447.6	484.3	494.2	438.5
1968	522.9	534.2	538.0	518.6
1969	575.2	626.6	648.3	622.6
1970	722.3	688.5	674.1	801.8
1971	728.6	734.4	764.9	728.5
1972	762.8	840.4	889.8	926.0
1973	1036.4	1090.6	1178.3	1093.9
1974	1152.4	1161.2	964.2	909.7
1975	1085.6	1203.6	1357.1	1081.0
1976	1276.3	1523.8	1609.3	1470.3
1977	1496.1	1608.9	1596.0	1483.0

## SEASONALLY ADJUSTED

1963	285.7	295.9	319.7	340.8
1964	367.8	386.3	390.5	385.7
1965	449.7	389.1	422.7	405.3
1966	395.3	395.0	424.9	437.5
1967	444.6	471.7	474.2	474.7
1968	516.0	522.4	521.4	555.8
1969	564.7	615.9	633.8	659.2
1970	709.0	679.5	661.4	842.9
1971	716.4	724.7	752.3	763.7
1972	753.2	825.5	873.8	974.5
1973	1029.8	1060.1	1156.2	1157.5
1974	1153.5	1117.8	942.2	969.8
1975	1094.0	1147.9	1323.1	1158.5
1976	1291.4	1447.7	1564.0	1579.7
1977	1518.4	1525.3	1549.3	1594.5

TOTAL NEW DWELLINGS COMPLETED  
NUMBER



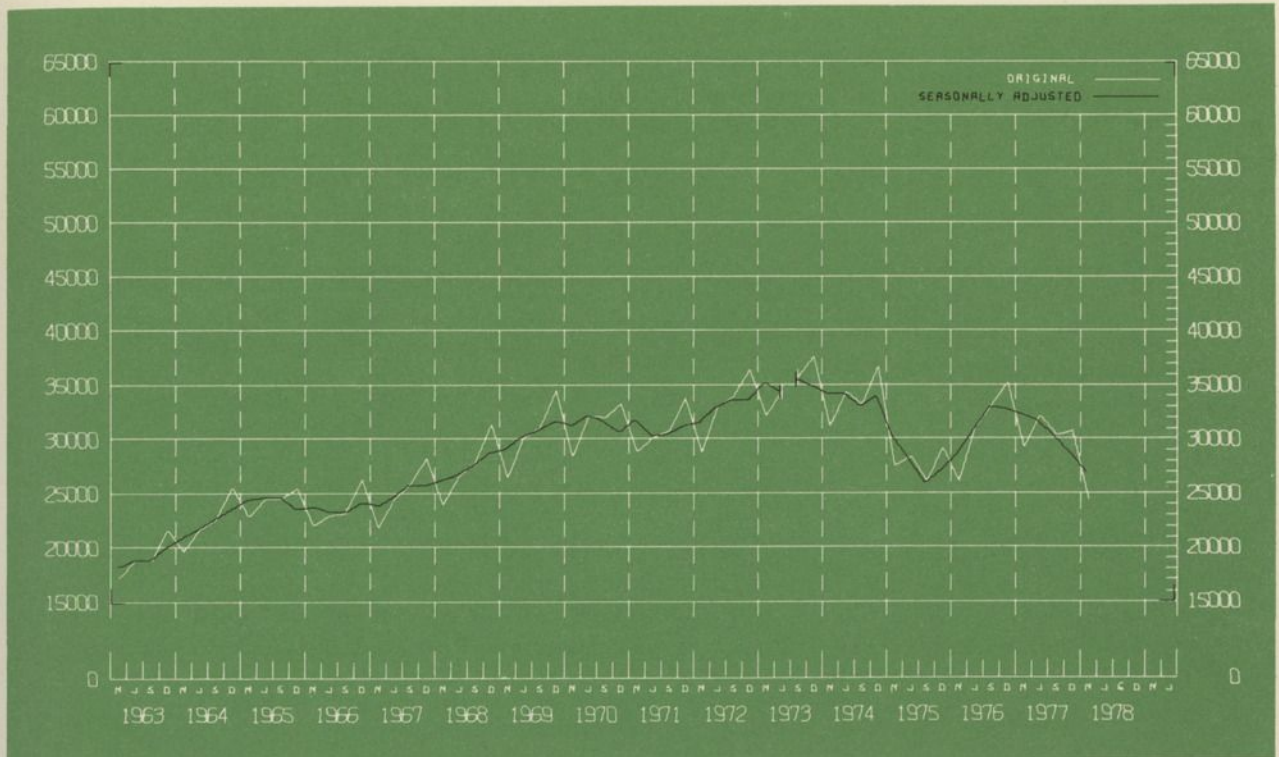
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
		ORIGINAL		
1963	20403	22744	22362	25743
1964	22810	25818	26478	30114
1965	26351	29708	28838	30273
1966	25486	28169	27390	30917
1967	24708	28877	29879	32551
1968	26922	30818	31916	34909
1969	29431	34431	34870	38823
1970	31762	36757	36503	38595
1971	32189	34859	35860	39531
1972	31502	36913	37985	40334
1973	34757	37534	38649A	40471
1974	33275	37633	36472	40071
1975	30986	33566	31039	34934
1976	29403	36662	37298	39068
1977	32086	36354	34388	35187
1978	26754			

SEASONALLY ADJUSTED

1963	22085	22519	22549	23912
1964	24793	25540	26660	27913
1965	28801	29390	28935	27997
1966	28036	27889	27358	28530
1967	27368	28602	29725	29984
1968	29972	30562	31660	32070
1969	32921	34185	34494	35637
1970	35584	36563	36024	35427
1971	36098	34673	35371	36322
1972	35283	36696	37535	37024
1973	38997	37172	38282A	37189
1974	37357	37100	36196	36900
1975	34848	32891	30857	32273
1976	33063	35782	37114	36165
1977	36115	35374	34251	32612
1978	30128			

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

NEW PRIVATE DWELLINGS COMPLETED  
NUMBER



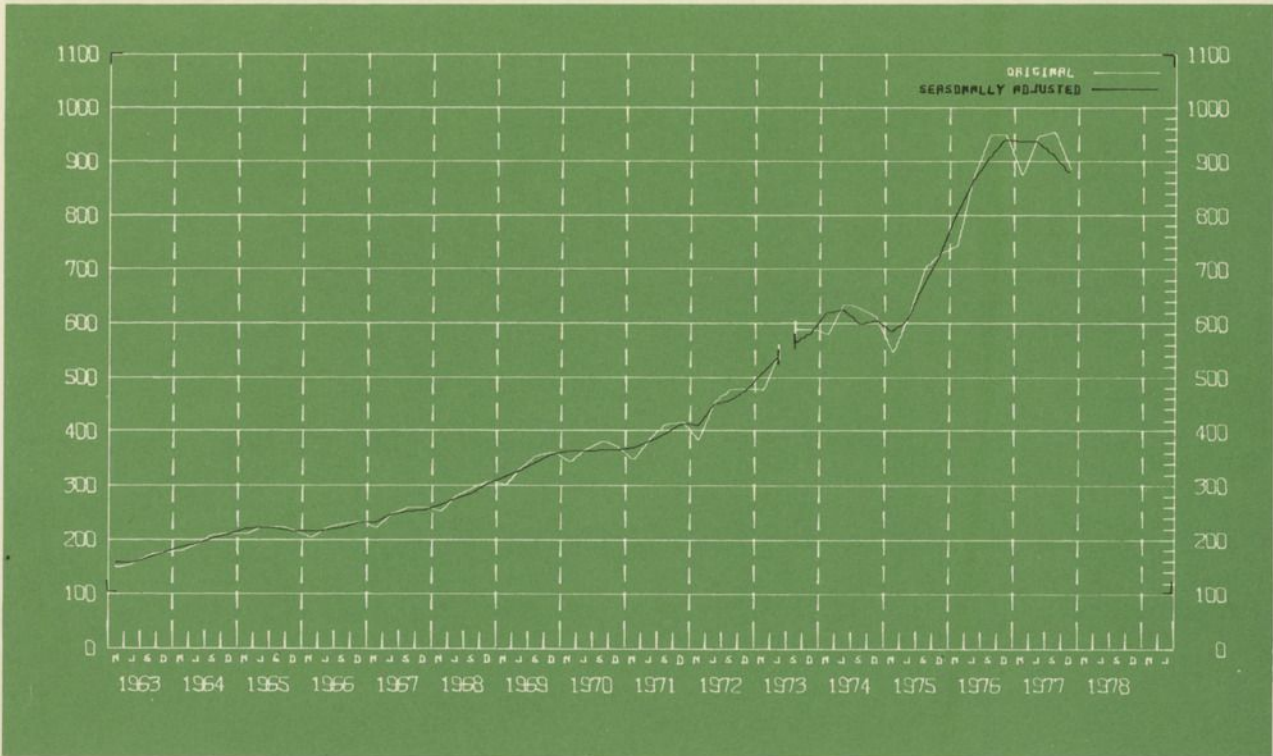
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1963	17156	18782	18736	21594
1964	19642	21698	22594	25547
1965	22824	24512	24517	25478
1966	21998	23041	23217	26293
1967	21806	24528	25877	28172
1968	23895	26645	27903	31426
1969	26403	30230	31106	34477
1970	28262	32088	31893	33274
1971	28816	30221	30786	33848
1972	28728	32994	33991	36398
1973	32062	34361	35662A	37616
1974	31061	34273	33132	36682
1975	27491	28375	25982	29222
1976	25975	31133	33063	35229
1977	29241	32053	30257	30768
1978	24340			

## SEASONALLY ADJUSTED

1963	18197	18917	18899	20051
1964	20968	21845	22746	23638
1965	24527	24699	24589	23489
1966	23824	23232	23180	24174
1967	23805	24712	25753	25843
1968	26266	26795	27716	28804
1969	29152	30329	30866	31652
1970	31201	32175	31603	30635
1971	31769	30262	30507	31255
1972	31578	33011	33734	33637
1973	35224	34297	35461A	34793
1974	34111	34122	32993	33954
1975	30244	28135	25902	27096
1976	28593	30774	32988	32710
1977	32214	31608	30212	28599
1978	26826			

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

VALUE OF WORK DONE ON TOTAL NEW DWELLINGS  
\$ MILLION



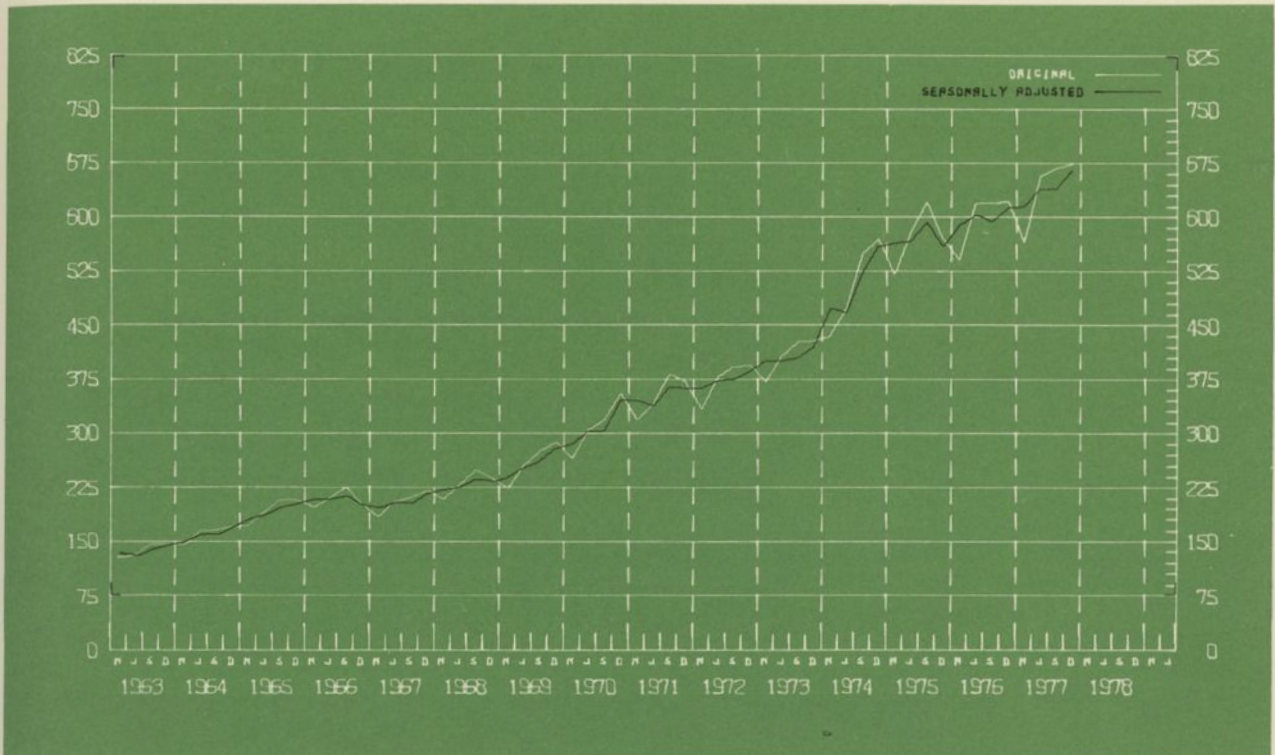
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1963	148.8	155.2	171.6	177.8
1964	179.3	192.9	209.0	211.5
1965	210.3	223.8	223.5	213.8
1966	201.3	221.2	229.4	233.5
1967	219.0	248.9	259.6	257.5
1968	249.8	279.3	295.4	308.5
1969	297.3	332.5	356.2	362.0
1970	341.6	365.6	381.3	369.6
1971	346.3	386.2	413.2	418.2
1972	381.1	455.9	477.8	479.4
1973	474.0	545.8	588.8A	587.1
1974	577.5	635.0	625.2	610.8
1975	544.5	615.0	703.5	730.8
1976	746.4	874.9	950.0	947.4
1977	871.9	948.0	956.5	884.6

SEASONALLY ADJUSTED

1963	154.8	155.2	166.6	176.3
1964	186.9	192.3	202.9	209.9
1965	220.0	222.2	217.0	212.1
1966	211.6	218.9	222.6	231.3
1967	231.2	246.0	251.7	254.4
1968	264.8	276.1	285.8	304.4
1969	316.1	329.0	343.6	357.3
1970	364.1	361.8	366.6	365.5
1971	369.7	381.6	396.6	414.3
1972	407.6	449.7	457.9	475.9
1973	507.5	537.6	564.1A	582.8
1974	619.1	625.3	598.1	606.8
1975	584.0	605.8	672.5	725.5
1976	801.4	862.6	906.6	940.7
1977	936.9	935.2	912.0	878.5

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

VALUE OF WORK DONE ON OTHER BUILDING  
\$ MILLION

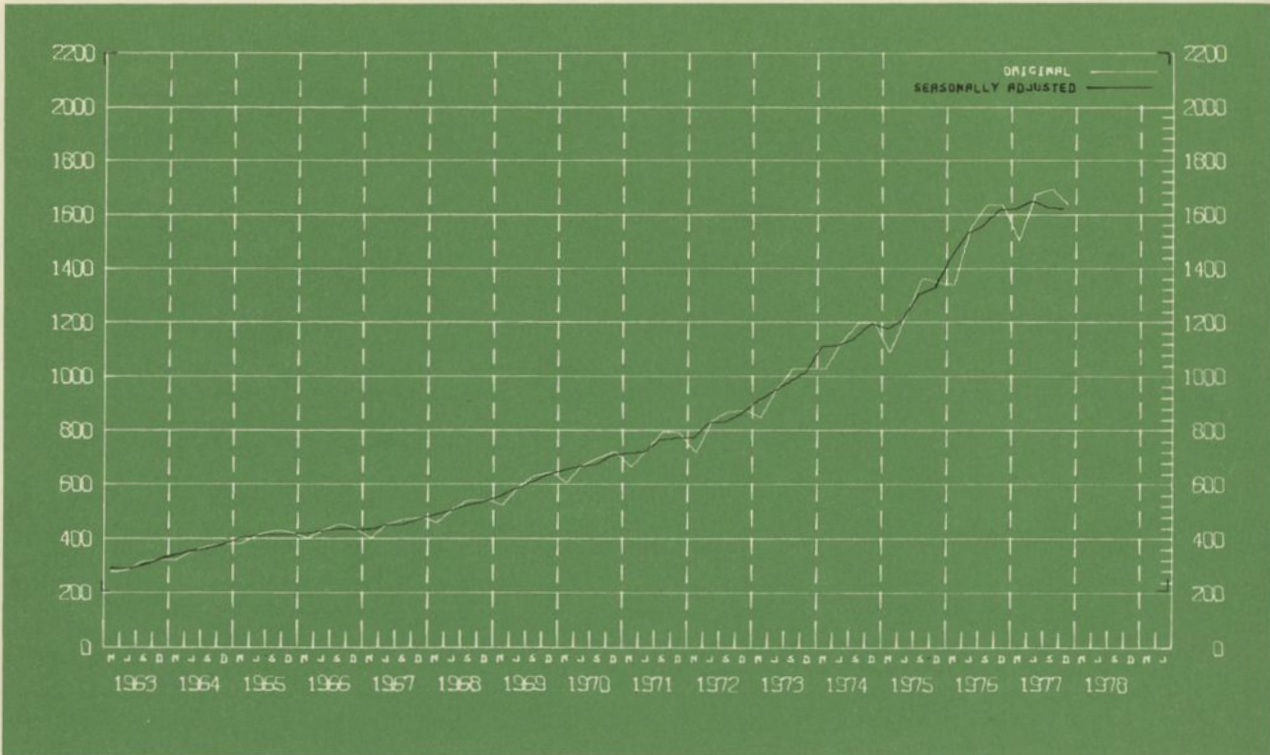


YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1963	127.2	131.7	147.6	147.0
1964	144.7	162.9	167.2	171.2
1965	172.8	190.3	208.5	205.2
1966	197.1	210.5	225.0	200.8
1967	182.8	206.1	212.1	220.7
1968	207.0	228.2	248.0	236.8
1969	221.6	255.3	274.8	287.5
1970	264.1	304.9	318.9	355.1
1971	317.6	340.7	381.6	370.3
1972	333.7	378.5	393.7	394.7
1973	370.0	407.0	425.4	429.4
1974	435.7	473.0	549.6	569.7
1975	519.6	579.7	621.6	567.9
1976	539.5	619.6	620.6	622.1
1977	564.4	657.8	668.3	675.0

## SEASONALLY ADJUSTED

1963	133.1	130.8	141.7	147.2
1964	151.9	162.2	160.1	170.7
1965	182.7	189.5	199.0	204.0
1966	209.7	209.6	214.3	198.9
1967	195.9	204.9	202.0	217.5
1968	223.2	226.7	236.5	232.0
1969	240.2	253.3	262.5	280.7
1970	286.9	302.3	305.1	346.1
1971	345.1	337.7	365.2	361.3
1972	362.3	375.1	376.1	386.4
1973	401.7	402.5	405.8	422.0
1974	473.4	465.8	524.2	561.4
1975	565.6	567.8	594.4	559.6
1976	588.8	604.7	594.1	613.2
1977	616.9	640.6	640.1	665.8

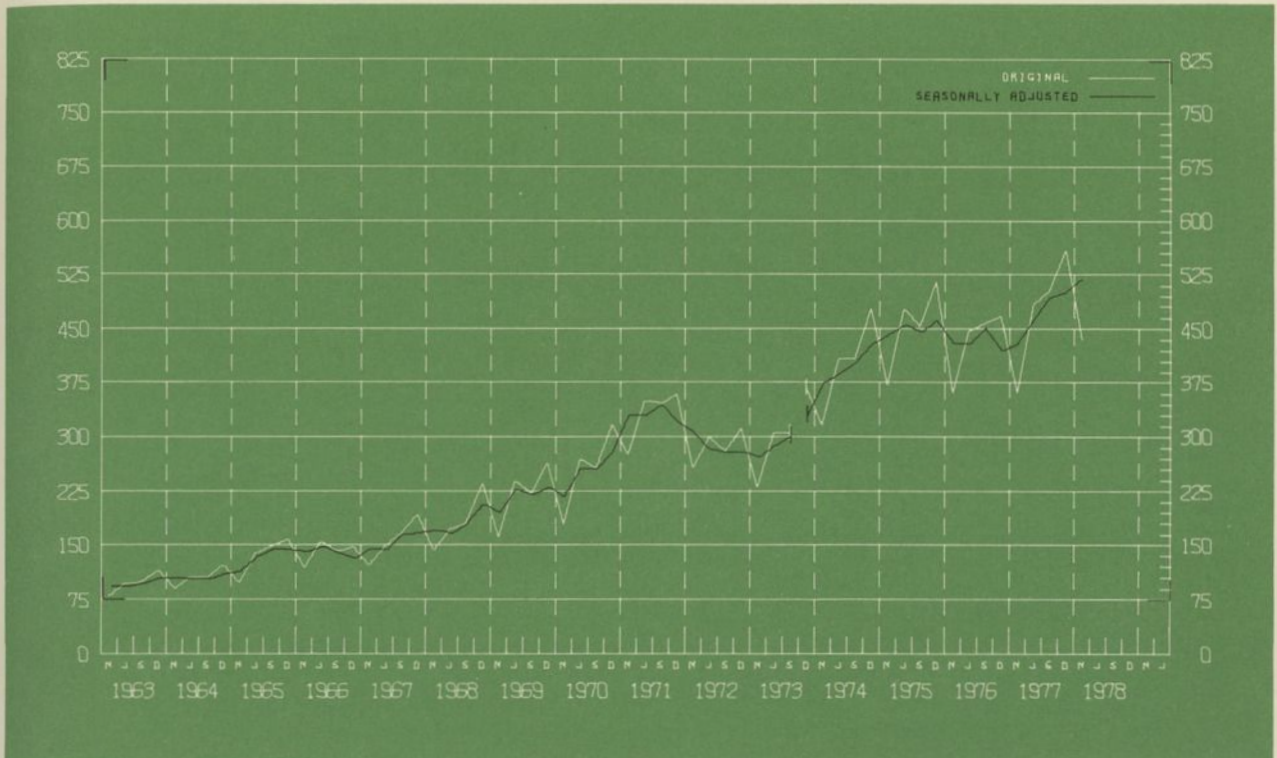
VALUE OF WORK DONE ON TOTAL BUILDING  
\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1963	276.0	286.9	319.3	324.8
1964	324.0	355.8	376.2	382.6
1965	383.0	414.1	432.1	419.0
1966	398.4	431.6	454.3	434.3
1967	401.8	455.0	471.7	478.2
1968	456.9	507.5	543.3	545.4
1969	518.9	587.7	631.0	649.5
1970	605.7	670.5	700.2	724.7
1971	663.9	726.9	794.7	788.5
1972	714.8	834.4	871.5	874.1
1973	844.1	952.7	1027.2	1032.4
1974	1029.0	1126.2	1194.2	1204.8
1975	1088.3	1226.0	1363.8	1344.5
1976	1335.0	1551.2	1634.5	1637.2
1977	1498.3	1675.5	1696.8	1635.5
SEASONALLY ADJUSTED				
1963	288.0	285.6	308.3	323.9
1964	338.9	354.0	362.9	380.8
1965	402.4	411.7	416.3	416.1
1966	420.5	428.9	437.2	429.9
1967	426.3	451.9	453.9	471.1
1968	487.1	504.5	522.6	534.6
1969	556.1	584.1	606.8	634.7
1970	651.5	666.4	672.4	708.3
1971	715.0	721.8	762.5	771.7
1972	769.9	828.6	834.0	858.4
1973	908.9	944.6	981.8	1016.8
1974	1108.4	1114.3	1140.0	1190.3
1975	1172.4	1209.9	1303.3	1328.2
1976	1440.3	1528.6	1561.5	1617.9
1977	1618.8	1649.2	1621.0	1616.7

NEW CAPITAL EXPENDITURE BY PRIVATE ENTERPRISES  
NEW BUILDINGS AND STRUCTURES

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
		ORIGINAL		
1963	81.2	97.4	100.9	115.1
1964	90.2	107.1	105.6	123.1
1965	98.2	138.8	149.4	158.9
1966	118.3	154.2	141.3	148.4
1967	122.0	148.8	167.1	191.8
1968	143.0	172.8	181.7	234.9
1969	160.7	238.9	220.0	263.3
1970	179.1	269.2	254.6	316.9
1971	274.7	348.9	344.6	360.5
1972	256.2	298.7	278.8	311.8
1973	229.2	303.8	305.3	368.1A
1974	314.7	407.6	408.6	478.0
1975	369.9	477.1	453.1	514.2
1976	360.4	447.7	459.7	467.4
1977	359.9	484.1	504.1	559.9
1978	433.7			

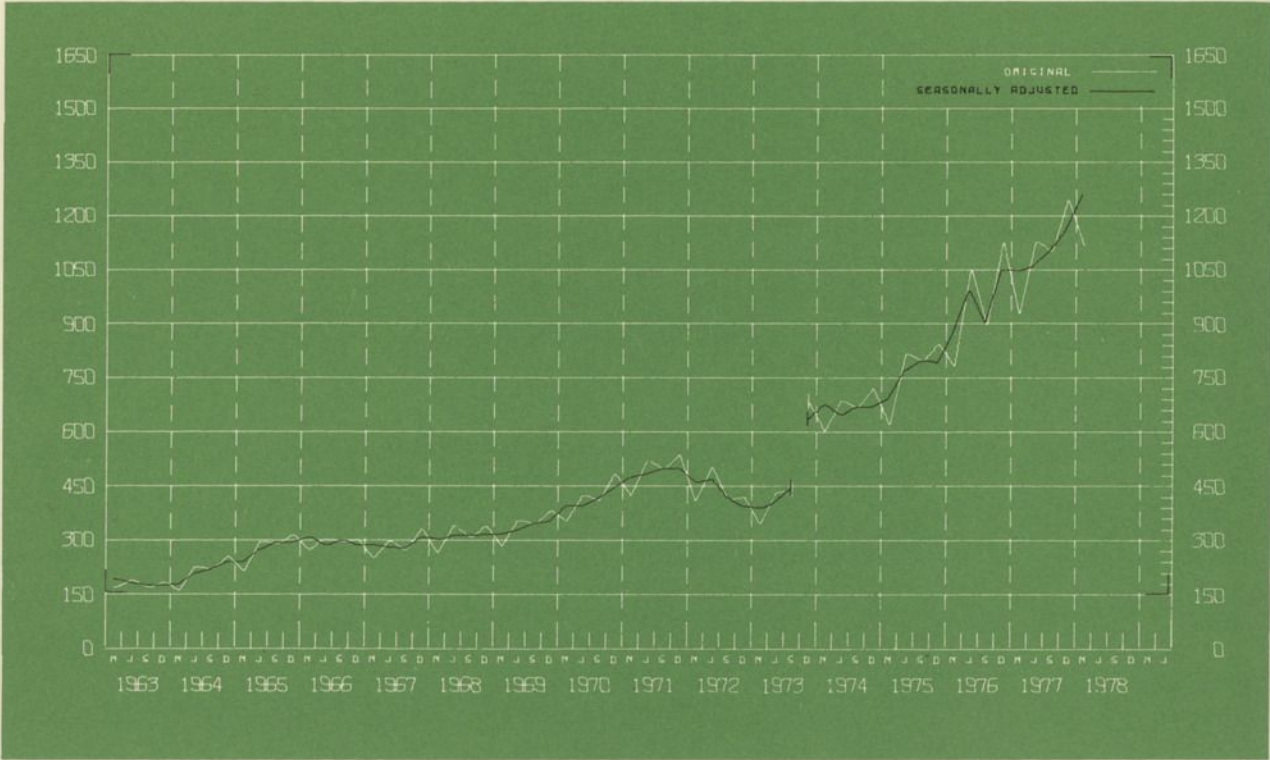
SEASONALLY ADJUSTED

1963	93.4	94.4	99.0	105.8
1964	105.3	103.7	103.4	112.2
1965	116.0	134.5	146.4	143.4
1966	141.2	149.3	139.0	132.6
1967	147.1	143.3	165.8	170.2
1968	173.1	165.8	181.5	207.8
1969	194.6	228.3	221.2	232.6
1970	216.9	256.4	256.1	281.2
1971	331.9	331.1	346.0	322.5
1972	307.4	284.0	278.5	280.7
1973	273.6	289.9	303.6	331.7A
1974	376.0	390.1	404.7	430.6
1975	443.3	457.1	447.4	463.0
1976	432.6	429.8	452.6	420.8
1977	432.5	465.2	496.0	503.5
1978	521.4			

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

NEW CAPITAL EXPENDITURE BY PRIVATE ENTERPRISES  
OTHER NEW CAPITAL EQUIPMENT

\$ MILLION

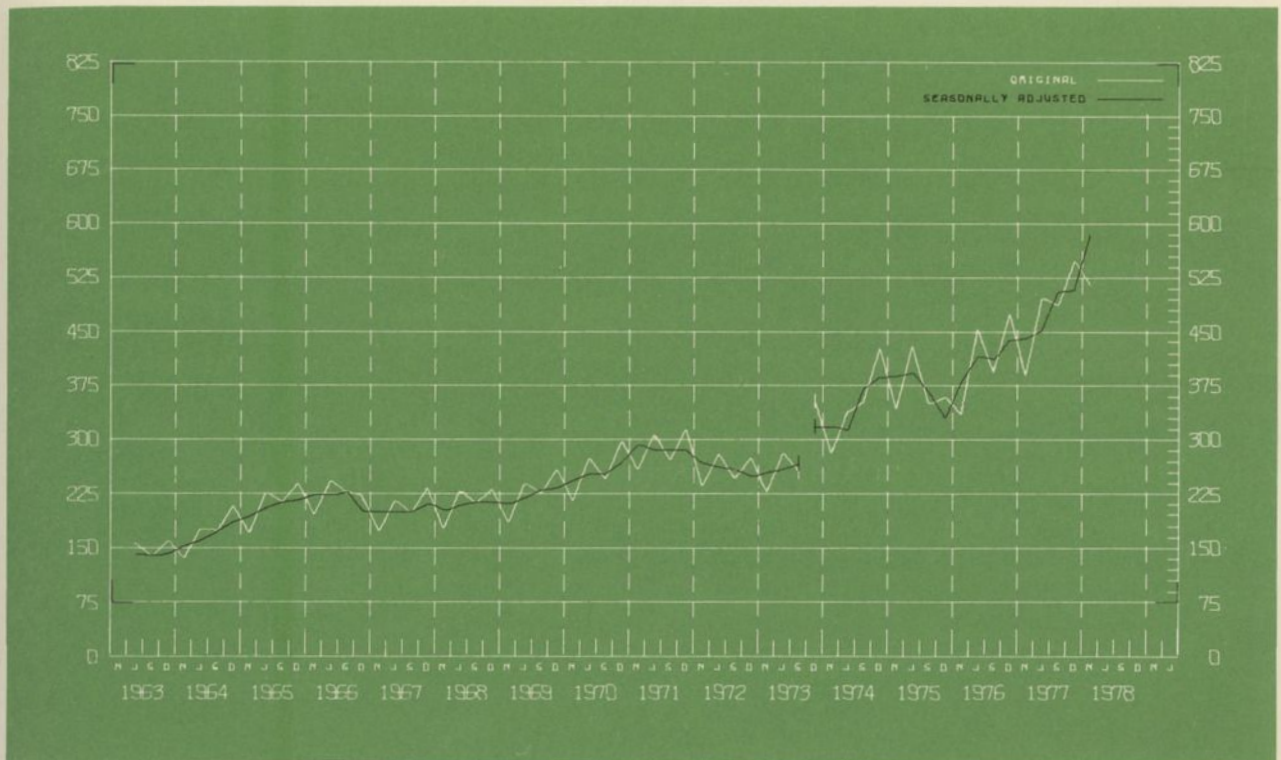


YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
		ORIGINAL		
1963	163.8	188.6	166.1	184.3
1964	155.2	224.6	212.7	254.2
1965	210.6	295.0	286.4	316.3
1966	270.4	304.3	291.1	303.1
1967	245.8	296.7	266.7	331.0
1968	261.2	338.2	302.7	340.3
1969	279.1	353.3	339.7	381.8
1970	348.5	422.5	405.3	482.3
1971	420.8	518.2	490.6	535.6
1972	405.1	500.2	410.2	419.5
1973	341.8	433.1	439.6	681.5A
1974	599.1	683.0	662.9	719.3
1975	615.7	816.3	792.9	844.0
1976	775.6	1052.5	892.2	1126.7
1977	921.6	1127.8	1094.9	1245.5
1978	1110.3			
		SEASONALLY ADJUSTED		
1963	186.7	173.9	169.2	174.2
1964	177.3	206.9	217.7	238.7
1965	241.4	271.8	294.0	295.4
1966	310.3	281.1	298.8	282.5
1967	281.5	275.1	273.9	308.4
1968	297.4	315.1	311.0	316.6
1969	316.9	330.0	349.4	354.5
1970	395.5	395.5	416.3	448.0
1971	476.2	487.3	501.9	498.1
1972	457.8	472.0	417.8	390.8
1973	386.3	409.3	446.2	635.5A
1974	678.5	645.3	671.1	671.8
1975	697.3	771.9	801.3	788.2
1976	879.9	994.9	901.0	1051.9
1977	1047.4	1064.9	1105.5	1163.3
1978	1262.9			

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

NEW CAPITAL EXPENDITURE BY PRIVATE ENTERPRISES  
MANUFACTURING

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
		ORIGINAL		
1963		153.0	135.9	158.9
1964	133.5	176.0	171.4	206.3
1965	168.0	225.1	211.2	238.3
1966	193.3	242.1	224.8	219.4
1967	171.1	214.8	197.1	232.7
1968	173.9	227.4	209.5	231.7
1969	182.5	238.6	223.5	257.6
1970	213.7	273.4	243.6	296.8
1971	257.2	305.9	270.6	313.5
1972	233.7	279.3	245.0	274.6
1973	224.7	280.9	253.9	351.4A
1974	279.6	337.1	353.1	425.3
1975	340.1	428.6	347.9	358.7
1976	332.3	453.2	391.0	474.0
1977	386.5	496.0	483.3	547.3
1978	511.9			

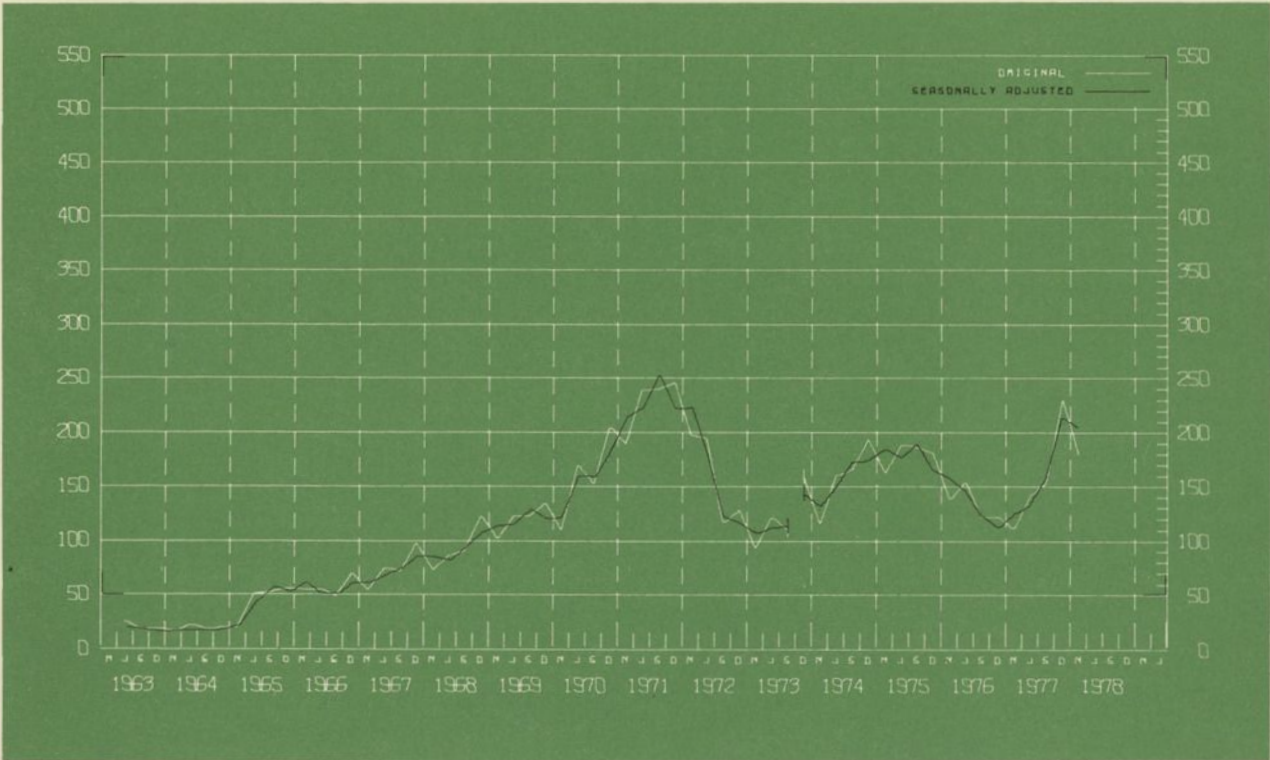
## SEASONALLY ADJUSTED

1963		141.4	139.2	146.1
1964	156.2	162.8	175.6	189.5
1965	196.6	208.5	216.1	218.8
1966	226.4	224.4	230.0	201.4
1967	200.1	199.2	202.0	213.6
1968	202.5	210.9	216.0	212.3
1969	211.3	221.6	231.9	235.4
1970	245.9	254.3	254.7	270.0
1971	294.5	285.3	284.4	284.3
1972	266.8	260.7	258.5	248.7
1973	256.7	261.4	268.0	319.2A
1974	319.8	312.0	372.5	388.5
1975	389.5	394.5	366.1	330.1
1976	380.4	415.3	410.3	439.1
1977	442.5	452.8	506.6	509.6
1978	586.0			

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

NEW CAPITAL EXPENDITURE BY PRIVATE ENTERPRISES  
MINING

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1963		22.6	15.8	15.5
1964	14.8	21.5	15.9	19.7
1965	19.7	51.2	53.1	55.9
1966	52.7	55.4	46.9	68.9
1967	52.9	74.1	70.4	97.1
1968	72.2	85.6	90.7	122.1
1969	100.0	122.2	122.7	134.1
1970	107.5	168.9	150.7	203.6
1971	187.8	239.4	240.4	245.6
1972	195.6	192.0	114.7	127.7
1973	92.1	120.8	108.3	158.1A
1974	114.4	160.2	166.3	192.7
1975	160.7	187.7	183.7	179.3
1976	136.9	153.7	119.7	120.9
1977	108.5	140.5	154.2	230.4
1978	178.4			

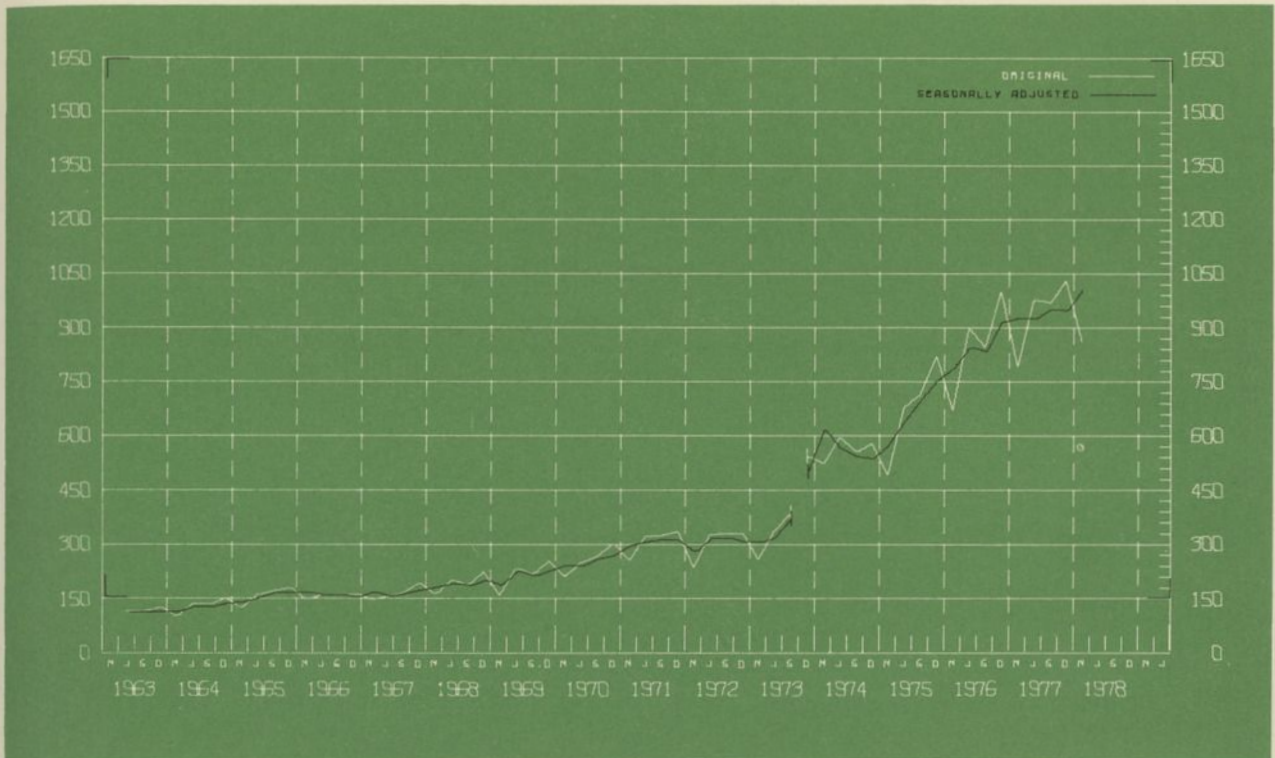
SEASONALLY ADJUSTED

1963		18.7	16.9	15.0
1964	17.6	18.1	17.1	18.7
1965	23.4	44.2	57.2	51.6
1966	62.1	49.5	50.2	62.0
1967	61.8	68.6	74.8	85.8
1968	83.9	81.1	95.4	108.0
1969	115.2	116.4	128.7	119.4
1970	123.3	160.0	158.0	183.1
1971	214.8	224.3	254.0	221.3
1972	224.0	179.2	121.0	115.4
1973	105.7	112.6	113.8	143.3A
1974	131.3	149.9	173.1	175.2
1975	185.0	175.9	189.6	163.9
1976	157.1	144.8	122.5	111.2
1977	124.0	132.7	157.1	213.0
1978	203.4			

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

NEW CAPITAL EXPENDITURE BY PRIVATE ENTERPRISES  
OTHER INDUSTRIES

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
		ORIGINAL		
1963		110.4	115.3	125.0
1964	97.1	134.2	131.0	151.3
1965	121.1	157.5	171.5	181.0
1966	142.7	161.0	160.7	163.2
1967	143.8	156.6	166.3	193.0
1968	158.1	198.0	184.2	221.4
1969	157.3	231.4	213.5	253.4
1970	206.4	249.4	265.6	298.8
1971	250.5	321.8	324.2	337.0
1972	232.0	327.6	329.3	329.0
1973	254.2	335.2	382.7	540.1A
1974	519.8	593.3	552.1	579.3
1975	484.8	677.1	714.4	820.2
1976	666.8	893.3	841.2	999.2
1977	786.5	975.4	961.5	1027.7
1978	853.7			

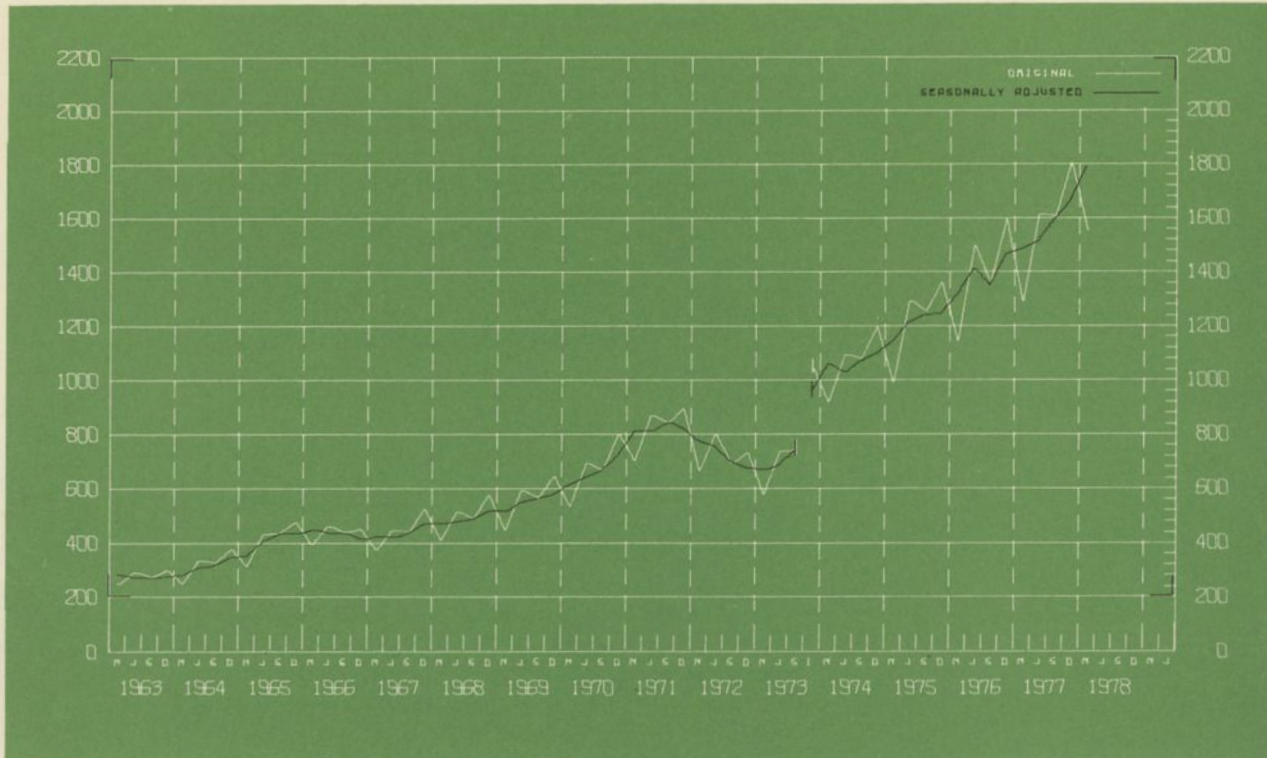
SEASONALLY ADJUSTED

1963		106.9	112.0	114.7
1964	114.1	130.4	127.3	138.9
1965	141.7	153.2	167.5	165.7
1966	166.2	156.8	158.0	148.7
1967	167.1	152.3	164.7	175.2
1968	183.7	192.5	182.7	200.4
1969	184.0	224.0	211.5	229.1
1970	244.1	240.4	261.4	271.2
1971	298.0	309.7	316.0	308.5
1972	276.2	314.8	319.1	303.2
1973	302.5	320.7	371.8	498.4A
1974	618.3	564.7	540.0	534.2
1975	575.1	642.3	703.4	755.3
1976	788.7	846.6	831.7	918.7
1977	930.0	923.0	953.0	943.6
1978	1009.3			

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

NEW CAPITAL EXPENDITURE BY PRIVATE ENTERPRISES  
TOTAL NEW CAPITAL EXPENDITURE

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1963	245.0	286.0	267.0	299.4
1964	245.4	331.7	318.3	377.3
1965	308.8	433.8	435.8	475.2
1966	388.7	458.5	432.4	451.5
1967	367.8	445.5	433.8	522.8
1968	404.2	511.0	484.4	575.2
1969	439.8	592.2	559.7	645.1
1970	527.6	691.7	659.9	799.2
1971	695.5	867.1	835.2	896.1
1972	661.3	798.9	689.0	731.3
1973	571.0	736.9	744.9	1049.6A
1974	913.8	1090.6	1071.5	1197.3
1975	985.6	1293.4	1246.0	1358.2
1976	1136.0	1500.2	1351.9	1594.1
1977	1281.5	1611.9	1599.0	1805.4
1978	1544.0			

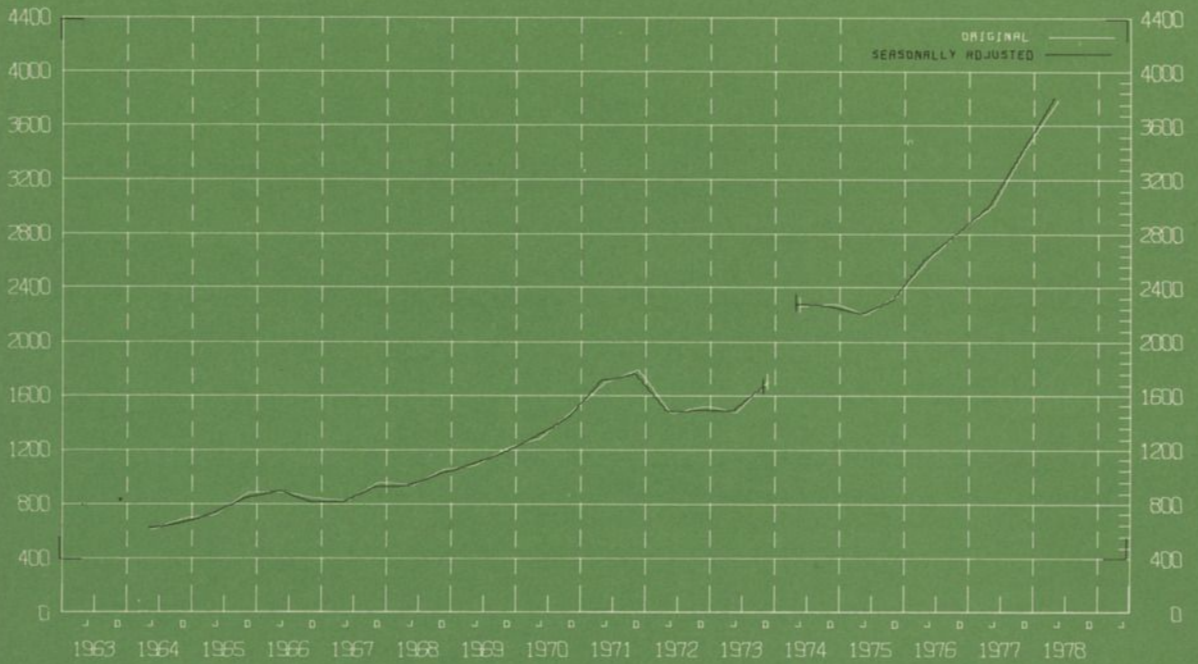
## SEASONALLY ADJUSTED

1963	280.4	269.6	266.3	280.8
1964	282.1	312.5	319.3	350.6
1965	356.9	408.8	439.1	437.5
1966	451.6	432.8	436.7	412.9
1967	428.9	420.6	439.3	476.5
1968	471.9	482.4	491.8	522.8
1969	514.7	557.4	569.8	585.7
1970	619.2	649.3	671.5	727.4
1971	815.8	813.7	847.2	819.2
1972	773.4	751.1	695.7	671.3
1973	666.2	693.8	749.9	965.9A
1974	1065.1	1027.9	1075.8	1104.3
1975	1147.2	1220.2	1249.3	1253.8
1976	1321.4	1416.7	1353.7	1472.4
1977	1491.2	1521.4	1601.0	1668.1
1978	1796.9			

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

EXPECTED NEW CAPITAL EXPENDITURE BY PRIVATE ENTERPRISES  
TOTAL NEW CAPITAL EXPENDITURE

\$ MILLION



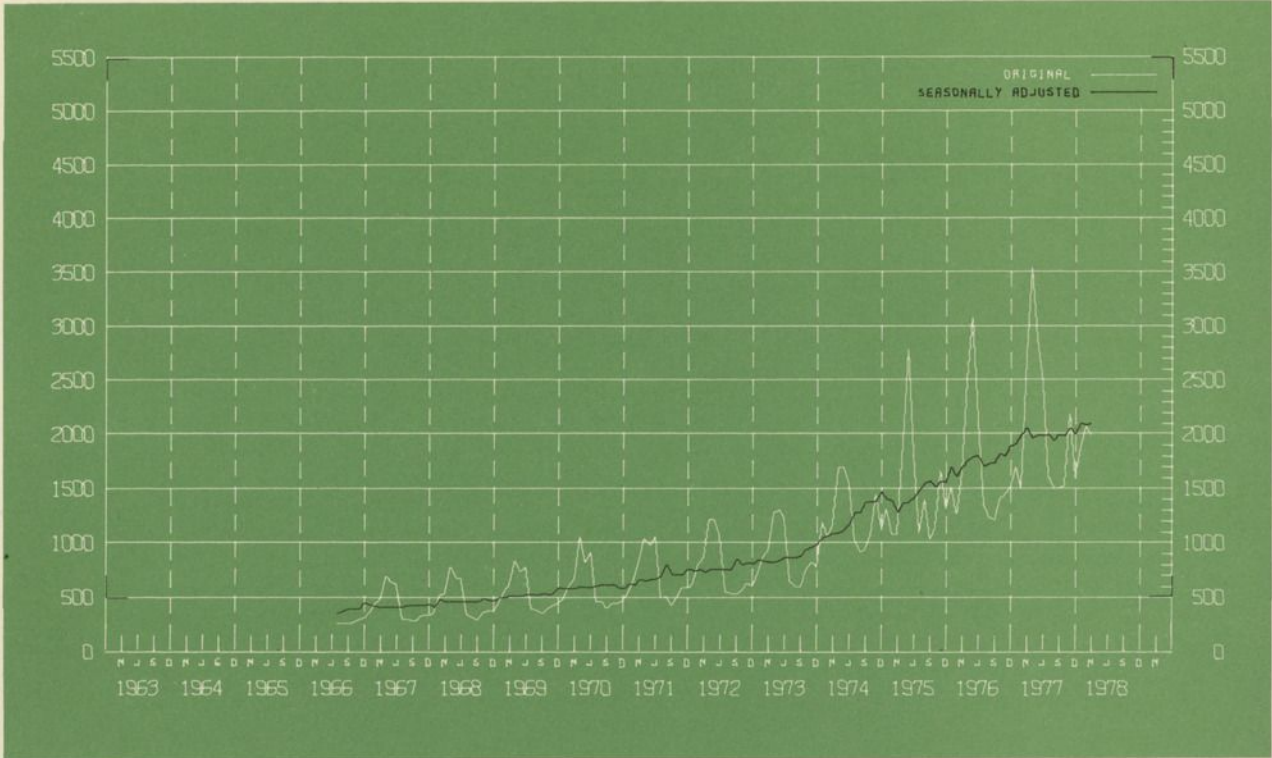
YEAR	HALF YEAR ENDED -	JUN.	DEC.
ORIGINAL			
1964		611.4	699.0
1965		731.8	885.6
1966		886.7	832.8
1967		812.5	962.8
1968		930.9	1056.4
1969		1088.2	1218.6
1970		1290.9	1484.1
1971		1697.1	1795.7
1972		1466.0	1520.5
1973		1466.2	1697.0
1974		2264.5A	2278.2
1975		2195.3	2336.6
1976		2609.1	2832.3
1977		3008.8	3435.3
1978		3793.9	

SEASONALLY ADJUSTED

1964	629.6	682.2
1965	753.0	865.4
1966	911.2	813.7
1967	834.2	942.8
1968	953.1	1036.8
1969	1111.4	1197.0
1970	1316.9	1461.8
1971	1725.3	1772.6
1972	1486.2	1501.9
1973	1485.6	1680.5
1974	2289.2A	2261.9
1975	2210.3	2322.7
1976	2626.6	2817.2
1977	3024.5	3420.6
1978	3812.2	

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

TAXATION REVENUE  
COMMONWEALTH AND STATE GOVERNMENT CONSOLIDATED REVENUE FUNDS (A)  
\$ MILLION

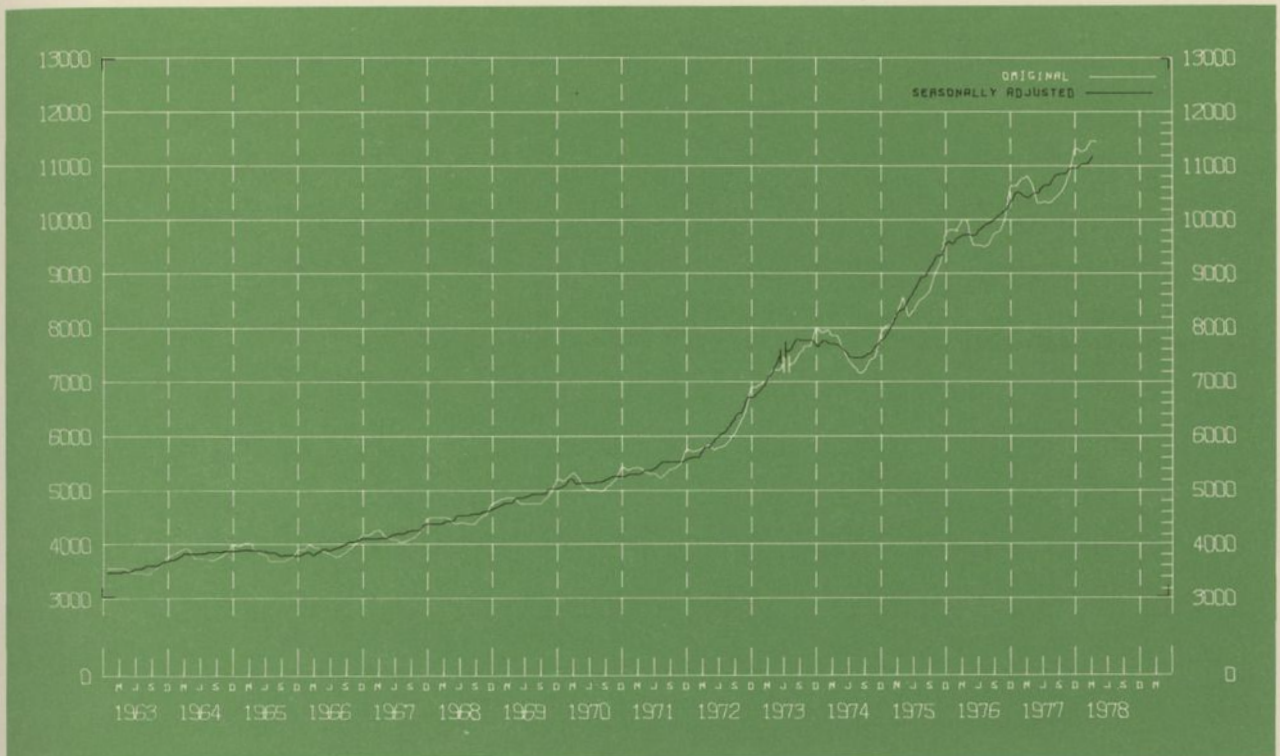


YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1966							248.9	249.1	252.3	271.5	303.8	307.7
1967	362.0	436.2	490.8	686.2	628.1	597.2	293.4	283.7	270.1	302.8	335.0	326.8
1968	368.7	508.2	551.8	781.3	675.1	653.9	333.9	299.7	283.5	346.5	381.3	384.4
1969	441.2	546.8	619.6	839.8	734.4	784.6	382.0	369.5	343.2	390.8	430.0	446.1
1970	492.2	607.3	670.9	1057.0	805.3	918.9	454.6	446.4	390.5	438.2	449.5	474.9
1971	541.8	658.2	816.6	1038.5	974.8	1064.4	486.2	506.9	420.5	499.6	585.8	584.9
1972	629.4	810.9	869.1	1222.5	1202.7	1052.4	541.3	516.9	522.7	573.0	627.8	593.4
1973	718.7	868.8	943.9	1281.7	1305.7	1209.3	640.1	588.3	590.0	754.5	819.8	768.3
1974	1194.2	1049.4	1167.6	1690.7	1694.9	1535.0	1007.7	907.2	945.0	1067.0	1453.5	1117.1
1975	1305.3	1066.5	1080.8	1932.5	2787.3	1807.2	1081.4	1403.7	1022.2	1142.7	1658.2	1303.5
1976	1509.7	1248.0	1647.3	2502.2	3083.8	2119.9	1339.8	1217.8	1200.4	1401.5	1454.5	1511.0
1977	1688.4	1503.1	2717.8	3540.3	2871.4	2466.7	1605.0	1496.6	1498.7	1530.7	2191.2	1602.6
1978	1874.8	2067.9	1975.1									
SEASONALLY ADJUSTED												
1966							358.6	387.4	407.2	398.6	398.7	458.2
1967	433.9	420.1	414.0	412.5	424.2	408.7	416.3	443.4	427.8	444.5	438.2	447.8
1968	413.2	489.0	460.2	459.0	464.7	463.4	461.3	456.1	457.1	501.5	468.8	472.3
1969	512.5	514.5	528.0	510.8	515.5	538.6	538.0	524.8	547.2	523.5	553.7	603.6
1970	583.8	575.7	587.2	613.7	587.7	597.0	617.3	634.6	609.2	626.8	587.8	581.7
1971	632.4	606.3	670.1	653.4	681.7	682.1	708.8	809.6	707.6	710.0	723.4	765.3
1972	739.2	771.6	731.0	770.7	760.2	758.1	748.0	752.0	862.4	799.2	831.3	795.7
1973	845.1	825.5	824.6	827.1	850.7	877.9	858.5	867.9	890.9	948.9	973.2	1001.6
1974	1055.0	1082.9	1096.9	1096.7	1132.5	1177.1	1282.9	1282.0	1382.3	1392.0	1389.3	1469.4
1975	1403.9	1380.1	1282.3	1373.9	1376.0	1417.8	1479.4	1550.5	1579.4	1511.2	1570.3	1547.2
1976	1705.0	1606.1	1702.7	1755.3	1804.4	1810.7	1701.9	1736.1	1738.7	1819.1	1790.8	1904.7
1977	1923.1	1999.5	2063.9	1955.0	1995.3	1977.5	2007.7	1943.5	2004.7	1982.6	2057.4	2003.8
1978	2096.8	2082.8	2107.6									

(A) THE CONSOLIDATED FUND IN VICTORIA.

VOLUME OF MONEY - DEFINITION M1  
(SOURCE OF ORIGINAL DATA - RESERVE BANK OF AUSTRALIA)

\$ MILLION

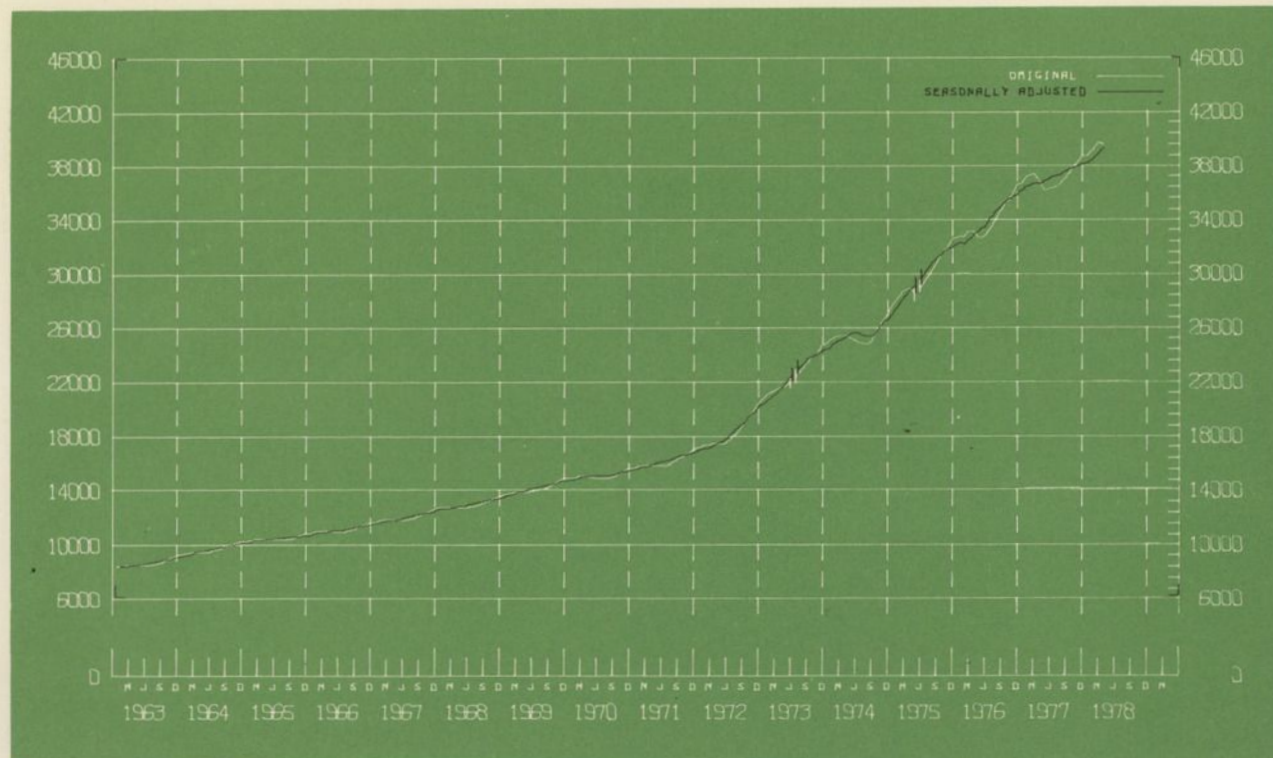


YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1963	3562	3574	3587	3563	3482	3464	3453	3447	3493	3578	3653	3783
1964	3838	3871	3942	3894	3743	3732	3723	3699	3760	3799	3871	3991
1965	3956	4032	4034	3920	3810	3790	3671	3670	3689	3733	3788	3907
1966	3894	3995	3933	3927	3831	3817	3760	3815	3882	3967	4062	4203
1967	4182	4246	4291	4169	4106	4074	4035	4073	4113	4189	4300	4495
1968	4529	4496	4507	4488	4379	4414	4374	4359	4421	4527	4581	4752
1969	4821	4858	4885	4864	4752	4750	4746	4740	4756	4865	4989	5205
1970	5160	5234	5337	5203	5041	4984	4983	4961	5036	5112	5213	5447
1971	5368	5419	5415	5365	5273	5313	5228	5299	5397	5416	5498	5750
1972	5703	5738	5774	5848	5735	5795	5822	5920	6053	6269	6468	6899
1973	6927	6977	7039	7223	7190	7317	7302A	7375	7531	7663	7660	7989
1974	7896	7956	7837	7839	7581	7380	7251	7137	7222	7392	7472	7910
1975	8037	8056	8284	8553	8200	8327	8499	8572	8687	9005	9226	9756
1976	9840	9775	9993	9978	9526	9526	9484	9554	9739	9792	9983	10635
1977	10628	10759	10817	10663	10302	10336	10309	10383	10473	10609	10860	11343
1978	11266	11290	11465	11434								
SEASONALLY ADJUSTED												
1963	3459	3467	3489	3492	3501	3538	3548	3592	3604	3598	3664	3698
1964	3721	3746	3814	3791	3802	3816	3831	3856	3840	3865	3884	3853
1965	3871	3897	3872	3850	3869	3839	3822	3827	3767	3799	3802	3768
1966	3806	3858	3774	3861	3891	3867	3915	3934	4007	4040	4032	4096
1967	4084	4105	4109	4118	4125	4175	4199	4195	4242	4266	4268	4375
1968	4373	4352	4386	4422	4400	4522	4498	4530	4558	4560	4596	4621
1969	4656	4711	4764	4741	4830	4862	4875	4918	4903	4898	5005	5000
1970	5042	5084	5199	5090	5126	5096	5108	5140	5130	5200	5233	5232
1971	5247	5276	5253	5281	5362	5368	5408	5490	5493	5507	5528	5519
1972	5576	5594	5599	5757	5772	5914	6017	6076	6225	6382	6447	6692
1973	6694	6803	6904	7074	7240	7471	7549A	7580	7753	7731	7732	7741
1974	7623	7764	7672	7658	7639	7544	7410	7403	7429	7472	7548	7653
1975	7759	7876	8066	8294	8348	8527	8688	8892	8950	9117	9327	9335
1976	9583	9549	9650	9722	9695	9675	9797	9903	9941	10024	10092	10174
1977	10345	10515	10439	10383	10485	10509	10648	10645	10803	10861	10868	10964
1978	10966	11044	11018	11187								

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

VOLUME OF MONEY - DEFINITION M3  
(SOURCE OF ORIGINAL DATA - RESERVE BANK OF AUSTRALIA)

\$ MILLION



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1963	8430	8498	8542	8532	8471	8517	8598	8659	8751	8907	9063	9243
1964	9339	9429	9541	9544	9477	9556	9657	9734	9880	9992	10142	10313
1965	10300	10439	10488	10404	10288	10337	10320	10378	10458	10560	10690	10846
1966	10875	11052	11000	10963	10877	10938	10981	11104	11218	11356	11518	11686
1967	11706	11830	11895	11770	11747	11824	11902	12020	12155	12312	12506	12739
1968	12802	12801	12824	12771	12684	12805	12878	12955	13096	13272	13422	13635
1969	13757	13869	13930	13931	13883	13974	14056	14154	14267	14475	14706	14934
1970	14882	14976	15105	14992	14860	14837	14858	14884	15038	15221	15427	15698
1971	15648	15806	15909	15868	15766	15851	15860	16060	16350	16526	16730	17067
1972	17189	17378	17438	17516	17367	17508	17827	18255	18704	19281	19787	20425
1973	20800	21175	21347	21599	21659	22001	22326A	22858	23393	23854	24092	24718
1974	24938	25316	25415	25407	25174	25018	24817	24689	24935	25751	26417	26968
1975	27659	28253	28744	28962	28558	28867A	29545	30119	30704	31441	31932	32557
1976	32828	32748	33132	33128	32631	32825	33313	33885	34629	35266	35768	36549
1977	36784	37290	37470	36929	36182	36290	36393	36718	37104	37671	38161	38715
1978	38827	39194	39763	39517								

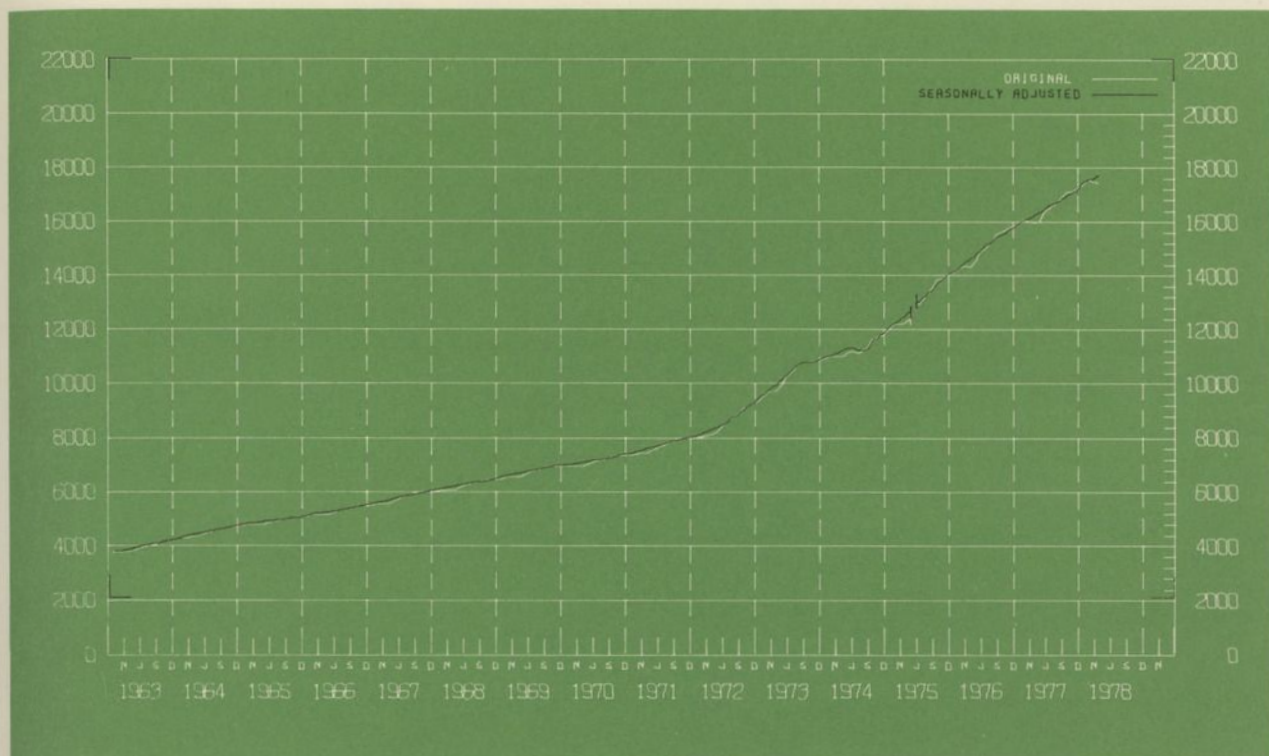
SEASONALLY ADJUSTED

1963	8319	8379	8445	8495	8551	8635	8697	8788	8841	8895	9028	9130
1964	9209	9289	9419	9482	9608	9688	9767	9878	9935	10023	10105	10142
1965	10198	10286	10329	10380	10428	10440	10477	10521	10511	10593	10646	10669
1966	10767	10890	10844	10952	11022	11044	11144	11211	11319	11390	11423	11540
1967	11583	11663	11720	11778	11855	11982	12075	12135	12256	12344	12403	12572
1968	12619	12634	12710	12768	12798	12972	13019	13124	13205	13259	13359	13450
1969	13566	13699	13816	13865	14055	14153	14207	14335	14391	14455	14634	14672
1970	14730	14802	14972	14925	15046	15019	15012	15075	15110	15252	15359	15419
1971	15489	15647	15664	15825	15990	16087	16193	16340	16459	16558	16662	16762
1972	16933	17039	17153	17454	17555	17841	18205	18525	18910	19325	19652	20128
1973	20394	20751	21052	21470	21909	22440	22813A	23227	23671	23835	24029	24346
1974	24427	24789	25005	25230	25485	25567	25302	25163	25225	25740	26326	26559
1975	27095	27670	28213	28694	29012	29530A	30130	30714	31093	31426	31818	31948
1976	32248	32107	32443	32877	33170	33472	34059	34548	34944	35346	35629	35846
1977	36136	36502	36623	36657	36803	37026	37204	37303	37573	37762	37894	38112
1978	38163	38467	38888	39281								

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

## SAVINGS BANKS - DEPOSITORS' BALANCES (A)

\$ MILLION



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
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## ORIGINAL

1963	3727.4	3764.6	3775.4	3791.1	3840.4	3939.7	4008.6	4048.6	4085.5	4159.4	4192.3	4225.0
1964	4260.0	4302.5	4320.0	4346.0	4374.3	4476.2	4535.4	4597.3	4644.7	4683.3	4704.5	4734.2
1965	4749.1	4782.6	4781.7	4757.8	4785.8	4886.6	4922.4	4967.9	4994.2	5034.4	5065.0	5066.1
1966	5084.9	5141.8	5117.6	5102.1	5140.5	5253.7	5307.7	5356.4	5391.4	5448.5	5474.4	5471.4
1967	5511.7	5544.4	5551.3	5558.2	5622.7	5764.7	5820.7	5890.2	5952.2	6001.2	6030.5	6021.4
1968	6046.1	6071.1	6067.6	6043.4	6111.9	6221.5	6280.0	6349.1	6385.1	6442.4	6484.8	6456.3
1969	6497.9	6546.5	6524.5	6537.8	6582.6	6707.1	6790.9	6849.6	6900.3	6977.6	6976.4	6943.1
1970	6934.7	6948.8	6955.2	6944.2	6991.0	7104.7	7148.8	7204.5	7266.2	7333.8	7377.5	7362.8
1971	7358.4	7418.9	7427.3	7448.3	7509.5	7634.5	7708.0	7814.0	7899.8	7984.1	8008.8	7982.1
1972	7987.8	8055.7	8092.3	8120.6	8192.4	8391.4	8540.5	8718.7	8882.4	9062.9	9192.8	9261.8
1973	9417.3	9569.0	9700.3	9736.7	9935.3	10237.9	10438.1	10666.7	10803.9	10817.8	10851.6	10841.3
1974	10904.3	10995.2	10991.7	10963.0	11074.2	11195.6	11087.4	11193.7	11308.3	11645.5	11739.7	11815.9
1975	12012.2	12183.6	12218.1	12258.6	12406.8	12868.5B	13024.4	13276.3	13519.8	13822.0	13882.5	14083.9
1976	14121.8	14228.3	14354.9	14294.0	14467.4	14822.5	14985.8	15201.1	15501.0	15629.1	15700.0	15833.8
1977	15845.1	16090.3	15964.5	15913.6	16016.9	16365.3	16504.8	16666.6	16876.0	17082.0	17103.2	17247.9
1978	17379.6	17543.1	17452.7	17408.7								

## SEASONALLY ADJUSTED

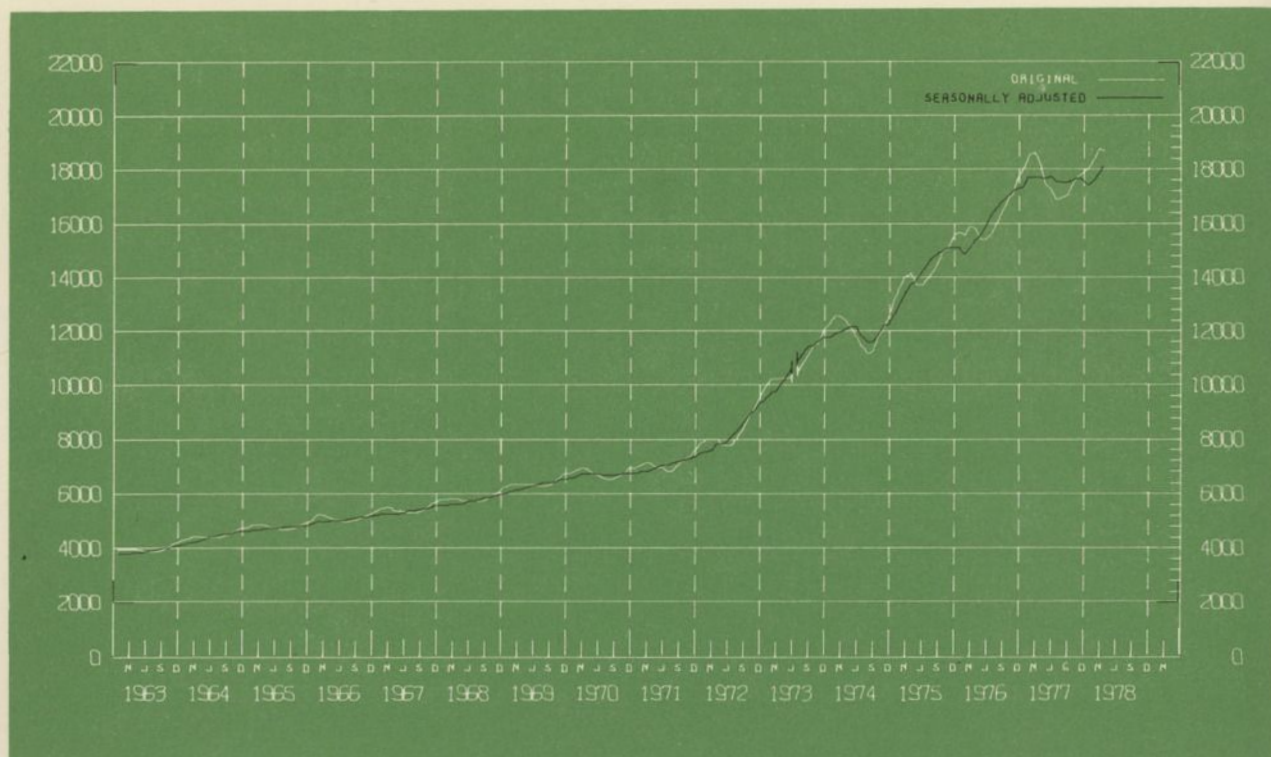
1963	3731.0	3768.0	3809.0	3853.9	3900.4	3945.3	3989.9	4021.2	4054.1	4109.8	4155.4	4212.6
1964	4257.9	4309.9	4357.3	4413.4	4446.8	4470.7	4521.0	4567.4	4604.4	4635.4	4664.9	4715.7
1965	4752.6	4789.6	4815.5	4838.8	4863.6	4886.4	4908.1	4929.5	4957.4	4984.1	5015.7	5054.7
1966	5088.9	5142.2	5160.7	5190.0	5215.7	5254.3	5286.2	5322.0	5351.1	5386.1	5427.1	5460.7
1967	5510.2	5552.8	5600.1	5646.9	5703.9	5759.9	5805.3	5852.3	5898.8	5936.9	5976.4	6003.0
1968	6054.9	6082.8	6116.5	6147.2	6190.9	6227.4	6265.2	6300.8	6333.9	6369.3	6416.8	6445.3
1969	6512.0	6553.6	6587.6	6631.3	6674.9	6717.2	6768.6	6806.4	6842.8	6885.9	6910.5	6932.1
1970	6944.0	6967.1	7004.2	7050.5	7088.8	7110.0	7138.2	7160.2	7193.6	7244.3	7308.9	7342.8
1971	7378.8	7439.4	7485.2	7560.2	7604.6	7652.7	7702.5	7758.5	7830.2	7887.2	7925.0	7972.1
1972	8007.6	8064.3	8150.4	8231.6	8308.6	8412.5	8532.1	8673.5	8806.1	8942.3	9112.8	9250.1
1973	9421.9	9574.5	9748.4	9883.2	10079.2	10249.6	10451.2	10621.5	10700.5	10689.9	10763.3	10807.8
1974	10900.0	10978.3	11052.2	11131.5	11225.3	11221.9	11110.5	11142.6	11218.2	11509.6	11638.0	11782.7
1975	11982.8	12172.6	12280.2	12432.4	12596.8	12899.1B	13041.6	13246.0	13417.4	13643.9	13787.4	13993.5
1976	14098.4	14208.7	14409.1	14517.0	14696.8	14838.1	15030.4	15178.9	15356.0	15456.9	15567.5	15728.1
1977	15819.3	16020.0	16031.2	16173.8	16266.4	16401.4	16542.2	16635.3	16755.0	16866.4	16981.3	17131.7
1978	17340.8	17515.6	17528.1	17681.3								

(A) EXCLUDES EXTERNAL TERRITORIES.

(B) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

## MAJOR TRADING BANKS - TOTAL DEPOSITS

\$ MILLION



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1963	3902.3	3952.8	3970.5	3935.0	3863.8	3846.9	3874.9	3863.4	3913.8	4015.9	4121.0	4225.3
1964	4302.1	4369.0	4428.1	4418.9	4356.7	4378.2	4389.3	4411.5	4487.6	4551.3	4674.9	4779.0
1965	4749.7	4874.9	4899.6	4826.4	4736.2	4746.4	4651.6	4678.1	4705.2	4778.1	4865.8	4978.8
1966	5048.8	5222.8	5153.1	5095.9	5010.4	4992.5	4938.5	4983.7	5029.4	5125.3	5217.9	5297.9
1967	5382.9	5489.2	5515.9	5372.9	5310.2	5264.8	5258.9	5298.4	5342.2	5446.5	5592.5	5717.1
1968	5819.4	5816.2	5831.5	5759.4	5688.7	5697.9	5682.5	5668.1	5744.8	5887.1	5979.2	6110.3
1969	6260.7	6349.0	6378.5	6356.0	6265.8	6277.1	6249.4	6256.6	6310.8	6452.7	6603.9	6758.6
1970	6759.8	6870.1	6963.8	6891.4	6726.2	6623.3	6525.9	6480.7	6567.1	6665.7	6767.9	6945.4
1971	6946.2	7091.4	7149.0	7044.7	6915.2	6912.0	6772.8	6899.3	7091.2	7181.5	7342.0	7609.8
1972	7830.0	7988.5	7952.4	7997.6	7770.4	7719.3	7845.2	8130.8	8397.9	8826.3	9139.0	9549.3
1973	9932.3	10186.7	10184.4	10292.1	10266.8	10320.9	10480.0A	10812.6	11133.2	11451.3	11606.9	12066.3
1974	12296.8	12544.7	12516.3	12374.6	12095.3	11754.8	11380.4	11162.5	11249.5	11800.4	12119.4	12507.5
1975	13179.2	13628.3	13982.7	14159.5	13700.0	13665.3	13909.7	14179.6	14497.0	14943.1	15066.5	15500.1
1976	15678.6	15536.1	15870.0	15778.6	15347.9	15385.2	15613.8	15957.9	16456.3	16830.9	17126.5	17708.0
1977	18021.5	18513.8	18628.6	18161.1	17401.0	17197.8	16831.8	16954.2	17034.7	17429.2	17728.2	17860.3
1978	18055.8	18341.9	18745.2	18619.7								

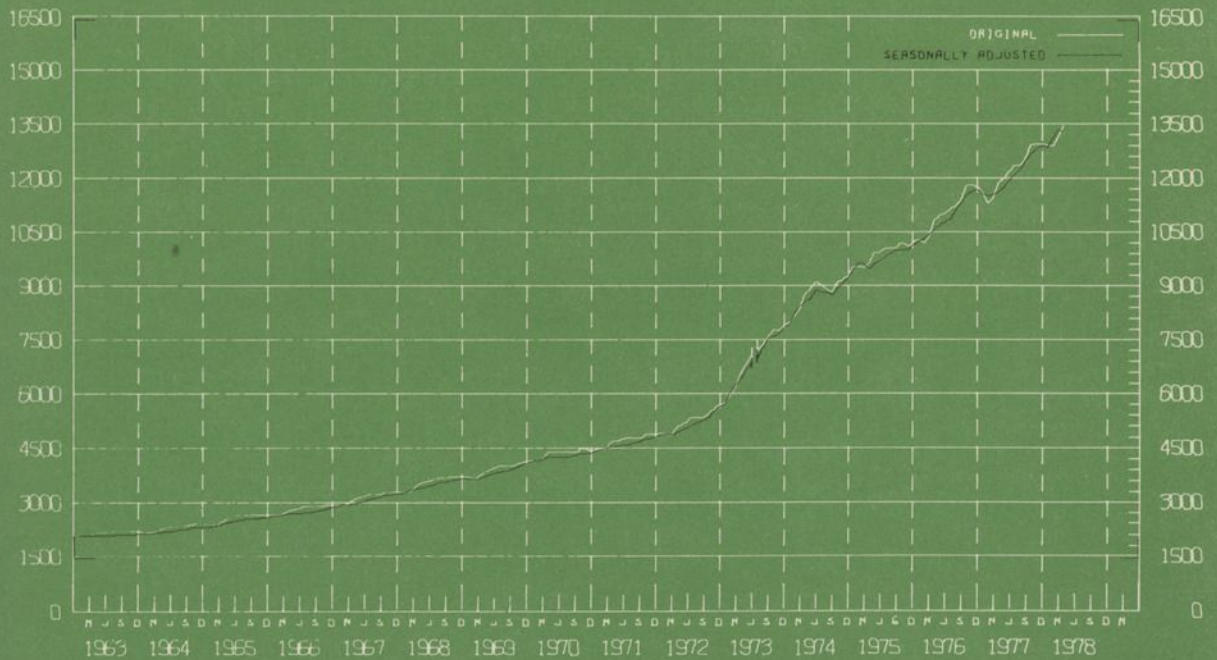
## SEASONALLY ADJUSTED

1963	3813.1	3830.6	3856.7	3867.5	3878.6	3918.5	3955.4	3994.8	4025.9	4036.3	4130.8	4178.5
1964	4195.3	4228.0	4297.9	4307.6	4411.8	4462.3	4484.7	4557.7	4573.3	4619.2	4685.9	4677.4
1965	4670.1	4720.2	4717.5	4759.6	4790.4	4795.8	4795.2	4829.1	4793.9	4849.0	4877.1	4874.4
1966	4957.3	5058.2	4968.0	5033.8	5063.8	5043.5	5092.5	5103.2	5169.1	5203.0	5187.1	5230.0
1967	5277.3	5315.7	5316.9	5311.9	5318.2	5360.9	5426.0	5429.5	5489.8	5528.7	5560.6	5642.1
1968	5654.6	5634.5	5675.8	5696.6	5692.2	5794.3	5816.3	5858.0	5904.7	5927.2	5994.7	6028.0
1969	6084.2	6158.4	6219.4	6230.2	6315.1	6369.9	6397.3	6464.4	6486.6	6497.6	6619.3	6610.3
1970	6628.3	6671.7	6806.3	6748.4	6769.6	6706.6	6678.1	6694.9	6694.5	6770.9	6787.4	6791.1
1971	6816.2	6898.7	6855.5	6940.5	7042.5	7106.2	7101.0	7191.3	7257.0	7263.9	7370.5	7414.1
1972	7551.6	7605.7	7631.9	7860.8	7847.9	7996.8	8216.8	8412.8	8655.7	8934.2	9117.6	9378.3
1973	9514.3	9717.6	9839.6	10088.4	10371.7	10691.0	10964.7A	11190.5	11470.6	11516.8	11677.7	11858.0
1974	11788.1	11978.7	12056.1	12103.4	12220.0	12216.9	11840.2	11624.6	11581.4	11878.5	12187.3	12309.1
1975	12649.0	13027.5	13429.5	13744.6	13920.5	14211.3	14464.5	14758.7	14924.3	15046.5	15153.8	15166.7
1976	15149.6	14887.0	15130.2	15392.0	15596.1	15900.4	16324.1	16600.5	16848.2	17044.3	17211.5	17362.5
1977	17416.6	17742.3	17742.9	17707.0	17675.5	17792.6	17595.3	17528.6	17550.4	17655.8	17713.4	17626.5
1978	17452.0	17590.5	17846.2	18147.2								

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

## MAJOR TRADING BANKS - LOANS, ADVANCES AND BILLS DISCOUNTED

\$ MILLION



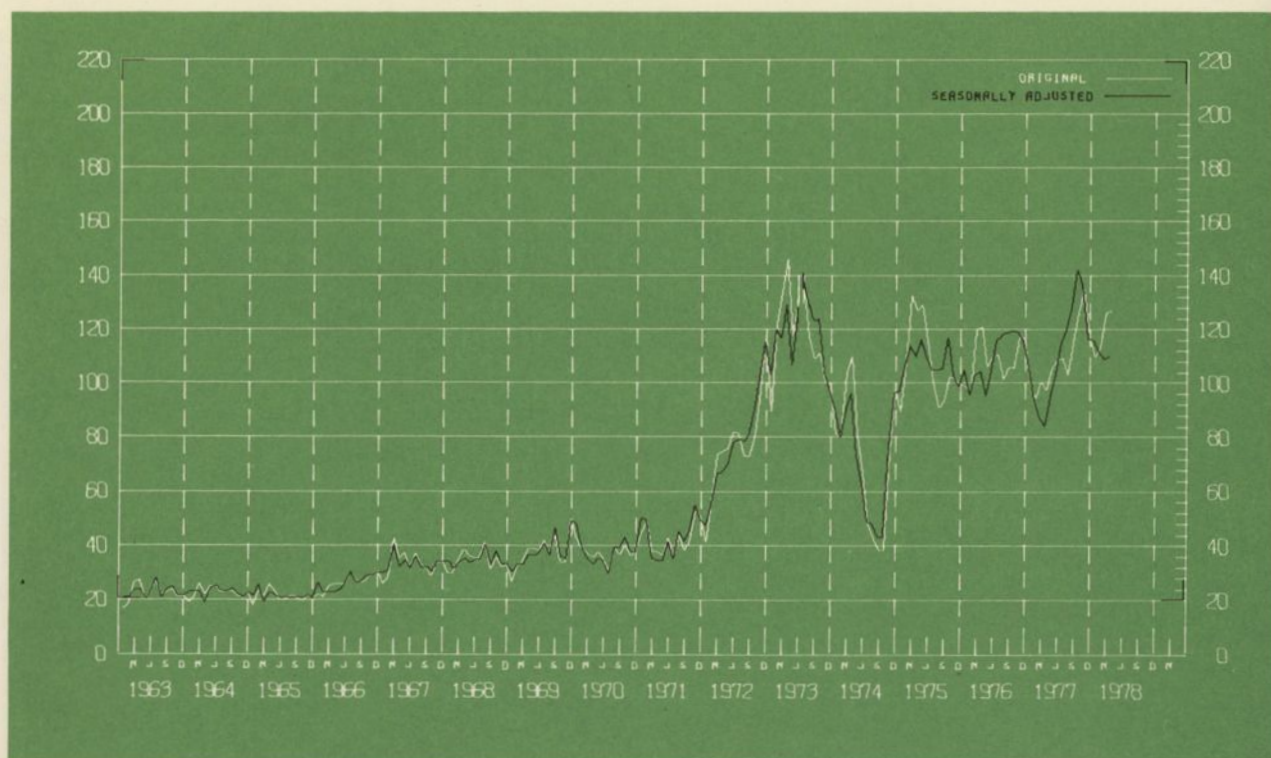
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1963	2089.2	2081.5	2096.2	2164.0	2182.5	2202.3	2216.5	2207.2	2175.7	2199.7	2208.8	2196.7
1964	2142.6	2137.4	2177.7	2256.1	2305.7	2333.2	2367.5	2358.9	2360.5	2412.2	2417.4	2385.9
1965	2361.2	2342.0	2397.5	2524.3	2594.1	2631.1	2674.8	2666.3	2651.8	2678.2	2676.8	2660.9
1966	2665.9	2642.7	2697.8	2792.1	2818.5	2844.6	2900.8	2866.2	2866.2	2915.2	2930.6	2952.3
1967	2934.0	2911.6	2961.9	3085.8	3136.7	3180.9	3244.3	3228.9	3228.5	3310.7	3312.3	3306.8
1968	3267.1	3287.9	3354.2	3504.2	3559.1	3597.7	3662.4	3675.6	3664.7	3716.8	3704.8	3717.6
1969	3687.1	3632.9	3676.5	3820.0	3901.1	3952.2	4026.8	3979.6	3985.6	4060.1	4095.5	4139.5
1970	4178.8	4150.9	4160.6	4388.2	4375.9	4400.9	4422.2	4368.2	4357.2	4472.1	4436.0	4392.5
1971	4465.8	4440.1	4503.2	4704.9	4720.3	4770.0	4785.7	4740.4	4735.7	4845.5	4849.4	4856.5
1972	4927.1	4831.9	4868.0	5057.5	5173.2	5257.0	5361.6	5313.4	5329.6	5462.3	5584.6	5705.6
1973	5767.1	5960.2	6206.7	6596.2	6853.9	7087.6	7211.6A	7355.4	7556.7	7767.8	7754.2	7894.2
1974	7989.6	8146.3	8353.7	8763.9	8916.0	9099.2	8995.6	8870.9	8775.3	9103.3	9178.9	9271.7
1975	9504.2	9526.0	9484.4	9642.8	9913.0	9932.3	10045.8	10013.9	10056.7	10195.4	10072.1	10176.8
1976	10290.1	10168.7	10305.8	10794.7	10950.6	11016.5	11123.3	11231.1	11369.1	11791.1	11787.1	11740.5
1977	11576.8	11288.0	11425.3	11835.6	12013.1	12177.0	12364.1	12371.3	12528.8	12926.2	12963.8	12970.1
1978	12856.5	12868.7	13158.7	13463.1								

SEASONALLY ADJUSTED												
1963	2130.4	2155.6	2161.2	2166.6	2164.3	2168.9	2159.3	2175.5	2165.1	2174.7	2194.1	2206.4
1964	2187.2	2216.8	2242.3	2253.4	2281.9	2294.8	2307.2	2326.3	2352.2	2386.9	2403.7	2398.6
1965	2411.0	2430.7	2465.1	2515.8	2562.9	2586.2	2608.4	2632.1	2645.8	2652.3	2665.3	2676.1
1966	2720.0	2741.4	2770.8	2778.2	2781.2	2796.3	2830.2	2833.3	2863.7	2889.7	2922.4	2969.1
1967	2988.2	3016.0	3038.4	3066.3	3093.7	3128.1	3167.6	3197.2	3230.0	3285.3	3308.4	3325.0
1968	3320.4	3398.1	3437.4	3477.3	3509.8	3537.9	3578.9	3646.6	3672.6	3692.2	3705.2	3739.2
1969	3739.1	3745.2	3763.4	3786.3	3845.6	3885.3	3938.8	3956.0	4002.0	4036.5	4101.0	4166.2
1970	4230.4	4269.4	4253.4	4344.6	4310.5	4323.8	4330.2	4350.5	4382.3	4448.3	4447.3	4425.4
1971	4515.6	4556.9	4596.8	4653.8	4646.3	4684.8	4691.5	4728.5	4769.4	4819.7	4865.8	4897.1
1972	4976.8	4950.8	4963.3	4999.4	5090.0	5164.9	5264.1	5305.7	5370.3	5429.4	5605.0	5756.1
1973	5818.2	6100.2	6325.6	6519.5	6742.0	6972.5	7094.0A	7348.3	7614.9	7711.3	7776.7	7959.1
1974	8050.1	8336.9	8513.9	8666.2	8774.3	8967.8	8866.9	8834.9	8834.9	9021.8	9192.5	9337.3
1975	9567.1	9752.6	9671.9	9541.5	9762.8	9805.5	9918.2	10011.7	10117.7	10087.3	10067.5	10236.7
1976	10350.2	10418.0	10516.7	10687.7	10796.0	10889.7	10993.9	11231.2	11428.6	11651.9	11765.3	11799.9
1977	11637.4	11570.1	11667.9	11724.1	11849.6	12045.9	12224.4	12371.7	12590.4	12766.5	12930.4	13028.2
1978	12919.9	13193.4	13443.0	13339.6								

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

MAJOR TRADING BANKS - NEW AND INCREASED LENDING COMMITMENTS  
(SOURCE OF ORIGINAL DATA - RESERVE BANK OF AUSTRALIA)

\$ MILLION

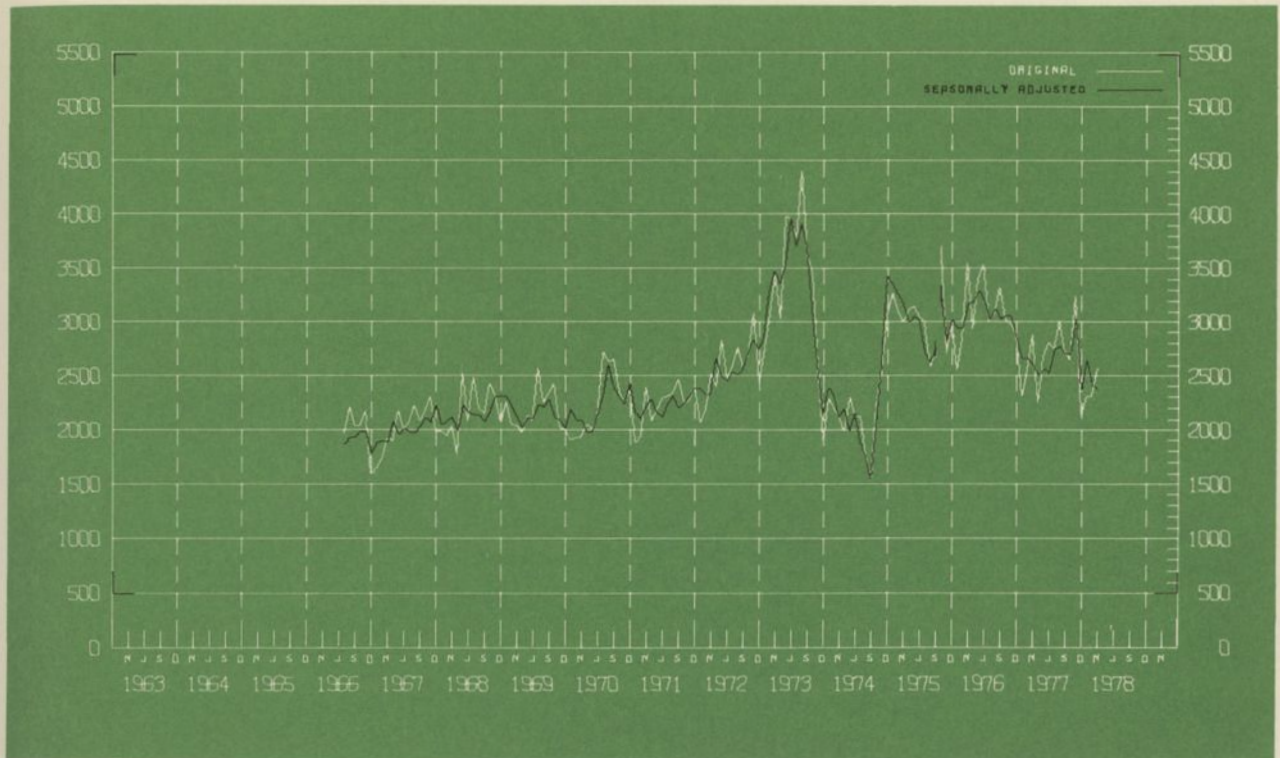


YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1963	16.8	18.6	26.3	27.5	20.0	22.5	27.3	21.6	22.6	24.0	20.9	21.7
1964	18.9	20.8	25.8	21.5	24.8	24.9	22.3	23.3	23.3	21.3	20.0	22.8
1965	17.6	23.2	20.8	25.4	22.7	19.5	20.4	21.5	20.2	19.1	21.1	20.4
1966	22.1	20.3	24.6	26.1	25.5	25.3	30.1	26.8	25.8	27.4	29.0	30.5
1967	25.7	28.4	42.6	35.2	37.1	31.1	36.9	32.6	30.7	28.4	33.5	34.5
1968	29.7	29.7	34.8	38.5	35.9	34.9	35.5	41.0	30.7	35.6	31.9	33.1
1969	26.2	32.3	34.3	38.8	38.5	38.1	42.0	36.4	44.6	33.5	33.4	50.0
1970	42.5	38.6	36.8	35.1	37.6	34.6	30.3	38.8	36.5	39.9	36.1	38.4
1971	44.2	49.2	37.4	37.0	36.0	42.9	35.6	43.8	38.1	41.8	52.7	50.2
1972	40.8	56.4	73.5	75.0	75.8	82.0	80.9	72.9	73.1	80.6	97.3	117.8
1973	89.1	121.6	134.0	146.1	117.1	132.2	137.1A	116.5	108.7	111.1	100.2	98.7
1974	80.8	80.6	103.9	110.0	80.3	66.4	47.3	42.3	37.8	38.4	75.0	97.8
1975	89.2	108.0	132.4	126.7	129.0	115.2	100.4	90.8	93.3	102.3	101.1	99.0
1976	98.5	96.5	119.4	121.0	105.7	109.8	110.7	101.2	106.0	105.2	117.2	116.0
1977	100.0	94.1	100.5	97.3	105.0	108.3	109.5	102.7	115.0	125.9	134.8	116.7
1978	109.6	112.8	125.4	127.1								
SEASONALLY ADJUSTED												
1963	20.4	20.8	23.5	23.7	19.5	22.9	28.1	20.3	23.6	24.9	21.2	21.2
1964	22.9	23.3	23.1	18.5	23.8	25.3	22.8	22.2	24.1	22.1	20.5	22.4
1965	21.0	25.7	18.9	22.2	21.3	19.8	20.6	20.6	20.8	19.9	21.5	20.1
1966	26.0	22.3	22.9	23.0	23.6	25.6	29.9	26.0	26.8	28.8	29.3	30.1
1967	29.9	30.7	40.4	31.6	34.4	31.2	36.1	31.7	32.0	30.1	33.9	34.0
1968	34.2	31.3	33.4	35.2	33.2	34.9	34.3	40.2	32.2	37.8	32.6	32.6
1969	29.9	33.3	32.9	36.2	36.0	37.7	40.6	36.0	46.6	35.6	34.5	49.1
1970	47.4	38.8	34.9	32.6	35.3	33.8	29.1	39.0	38.9	43.0	37.7	37.6
1971	50.5	48.9	34.6	34.0	33.8	41.6	34.6	45.0	41.6	45.5	55.3	49.1
1972	47.0	55.4	66.3	67.6	69.8	78.0	79.7	78.0	81.2	90.3	102.0	115.5
1973	102.9	119.8	116.4	129.1	106.3	124.8	137.6A	129.5	123.1	124.1	103.7	97.0
1974	90.5	79.4	90.4	96.2	72.6	62.8	48.5	47.5	42.7	43.7	76.9	96.5
1975	97.7	106.8	114.0	109.4	116.2	109.5	104.6	105.1	105.7	117.1	102.8	98.2
1976	105.2	95.4	103.3	104.6	95.2	104.6	116.1	117.9	119.3	119.5	118.8	115.5
1977	105.9	93.5	87.1	84.1	95.1	103.4	115.3	119.8	128.3	142.4	136.1	116.0
1978	115.7	111.7	108.6	110.4								

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

NOTE - THIS SERIES IS SUBJECT TO LARGE IRREGULAR FLUCTUATIONS AND PARTICULAR CARE SHOULD BE EXERCISED IN INTERPRETING INDIVIDUAL MONTH-TO-MONTH MOVEMENTS.

HOUSING FINANCE FOR OWNER OCCUPATION - LOANS APPROVED TO INDIVIDUALS  
CONSTRUCTION OF DWELLINGS AND PURCHASE OF NEWLY ERECTED DWELLINGS  
SAVINGS BANKS  
NUMBER OF DWELLING UNITS



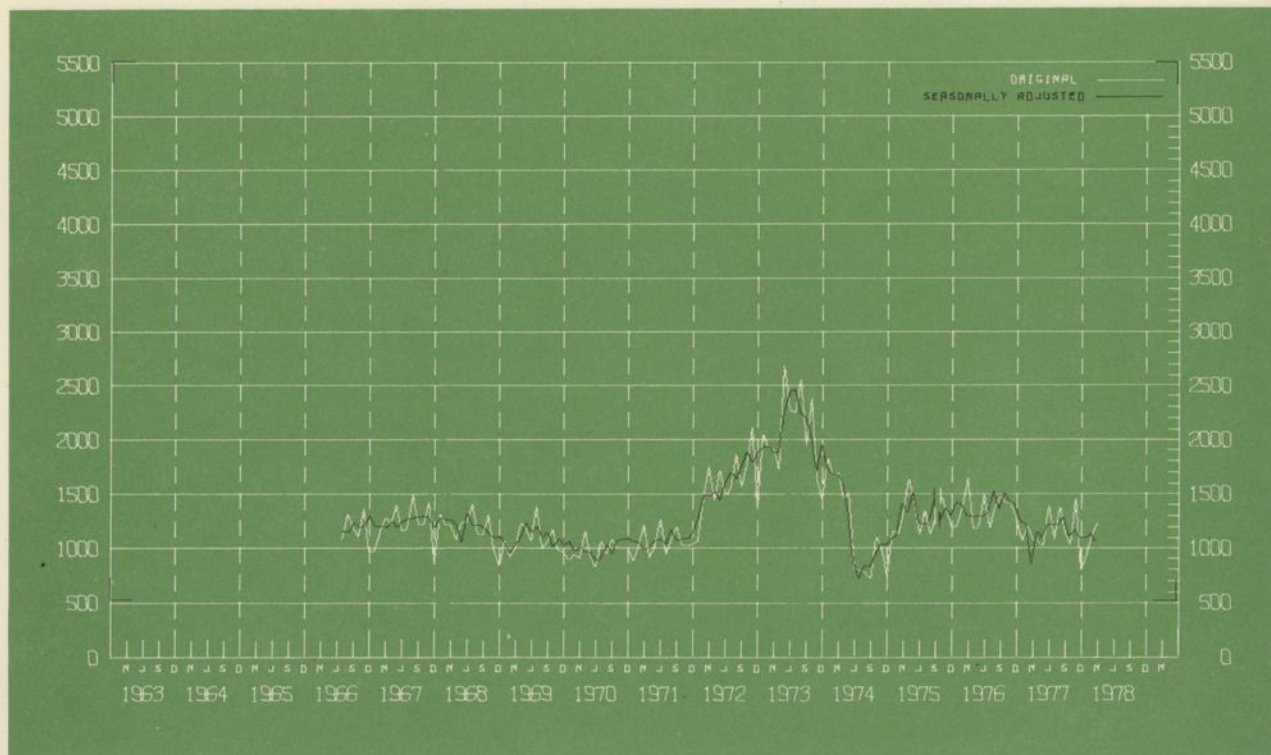
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1966							1970	2206	2030	2050	2184	1588
1967	1649	1731	1925	1892	2181	2002	2073	2233	2076	2181	2307	1983
1968	1979	1939	2035	1767	2533	2065	2485	2187	2138	2431	2312	2055
1969	2262	2038	2025	1972	2132	2083	2575	2254	2335	2431	2020	1989
1970	1914	1926	1937	2049	1999	2124	2720	2633	2662	2335	2230	2377
1971	1876	1944	2397	2078	2175	2298	2317	2340	2468	2245	2273	2397
1972	2059	2190	2518	2390	2828	2473	2591	2764	2574	2698	3081	2440
1973	2764	3079	3450	3021	3975	3934	3766	4398	3614	3441	2581	1903
1974	2286	2194	2105	1982	2298	2111	2130	1749	1552	2227	2549	3067
1975	3269	3092	2994	3112	3153	3038	2992	2575	2733	3627A	2704	3010
1976	2549	2853	3549	2932	3402	3536	2999	3065	3323	3017	2966	2881
1977	2298	2551	2877	2244	2682	2814	2738	3008	2704	2637	3248	2131
1978	2310	2320	2572									

## SEASONALLY ADJUSTED

1966							1887	1947	1962	2010	1991	1795
1967	1900	1918	1894	2097	1969	2026	1991	1990	2047	2134	2084	2248
1968	2057	2101	2143	2002	2252	2170	2141	2138	2087	2176	2331	2326
1969	2323	2240	2129	2032	2130	2112	2250	2219	2303	2134	2088	2032
1970	2211	2100	2112	1985	1999	2161	2328	2618	2400	2322	2249	2448
1971	2170	2107	2227	2298	2170	2124	2246	2331	2211	2256	2320	2399
1972	2385	2340	2343	2681	2513	2457	2546	2521	2573	2720	2849	2753
1973	2868	3296	3491	3355	3554	3976	3705	3929	3701	3139	2607	2153
1974	2403	2335	2124	2210	1994	2172	1902	1767	1548	2058	2628	3439
1975	3357	3273	3171	3007	3059	3016	2724	2629	2766	3274A	2842	3036
1976	2949	2951	3192	3212	3308	3218	3016	3140	3041	3080	3053	2859
1977	2674	2675	2608	2508	2579	2529	2772	2793	2708	2704	3045	2371
1978	2665	2428	2384									

(A) BREAK IN CONTINUITY OF SERIES - SEE EXPLANATORY NOTES.

HOUSING FINANCE FOR OWNER OCCUPATION - LOANS APPROVED TO INDIVIDUALS  
CONSTRUCTION OF DWELLINGS AND PURCHASE OF NEWLY ERECTED DWELLINGS  
TRADING BANKS (A)  
NUMBER OF DWELLING UNITS



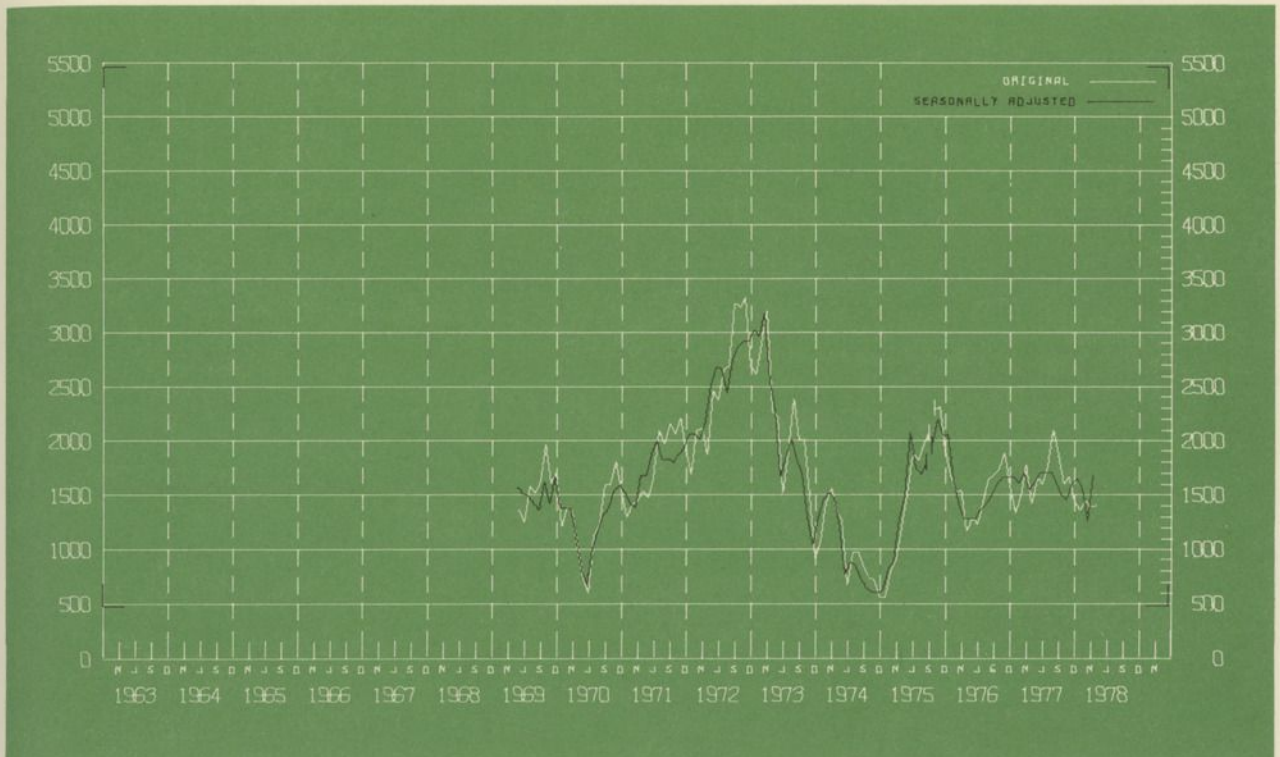
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1966							1083	1318	1176	1104	1360	961
1967	975	1149	1276	1218	1403	1154	1194	1494	1218	1207	1428	878
1968	1319	1208	1209	1071	1235	1225	1413	1116	1108	1314	983	825
1969	1083	922	996	1233	1166	1058	1394	1010	1064	1170	982	950
1970	888	940	896	1163	905	819	1069	941	1076	1001	1009	1000
1971	883	1011	1215	905	1017	1266	940	1075	1195	1023	1021	1048
1972	1068	1456	1751	1435	1721	1488	1553	1870	1559	1779	2118	1384
1973	2052	1905	1901	1715	2691	2262	2241	2564	1936	2385	1630	1441
1974	1828	1659	1696	1453	1523	795	791	762	712	1097	1002	742
1975	1159	1121	1306	1639	1429	1124	1348	1123	1280	1472B	1335	1178
1976	1217	1383	1645	1168	1213	1485	1175	1384	1474	1412	1403	1274
1977	1058	1201	1080	1047	1010	1394	1073	1379	1129	1023	1456	794
1978	935	1127	1230									

## SEASONALLY ADJUSTED

1966							1134	1121	1219	1174	1189	1275
1967	1166	1187	1160	1228	1168	1234	1255	1269	1275	1280	1246	1169
1968	1258	1242	1244	1186	1028	1305	1191	1188	1172	1113	1072	1100
1969	1029	943	1017	1093	1215	1125	1178	1083	1138	988	1065	1014
1970	1053	960	998	939	941	872	909	1015	933	1056	1084	1072
1971	1042	1029	973	998	1056	1083	1011	1164	1052	1078	1081	1128
1972	1255	1476	1457	1506	1432	1597	1688	1622	1735	1879	1772	1870
1973	1916	1919	1872	1883	2249	2432	2463	2225	2178	2016	1685	1947
1974	1705	1664	1661	1591	1281	854	701	830	805	930	1026	1006
1975	1078	1119	1399	1307	1512	1209	1202	1229	1452	1249B	1355	1277
1976	1413	1378	1276	1274	1288	1281	1315	1520	1339	1503	1411	1381
1977	1228	1197	834	1137	1075	1209	1210	1210	1282	1092	1158	1078
1978	1084	1123	1044									

(A) SOURCE OF ORIGINAL DATA TO SEPTEMBER 1975 - RESERVE BANK OF AUSTRALIA.  
(B) BREAK IN CONTINUITY OF SERIES - SEE EXPLANATORY NOTES.

HOUSING FINANCE FOR OWNER OCCUPATION - LOANS APPROVED TO INDIVIDUALS  
CONSTRUCTION OF DWELLINGS AND PURCHASE OF NEWLY ERECTED DWELLINGS  
PERMANENT BUILDING SOCIETIES  
NUMBER OF DWELLING UNITS



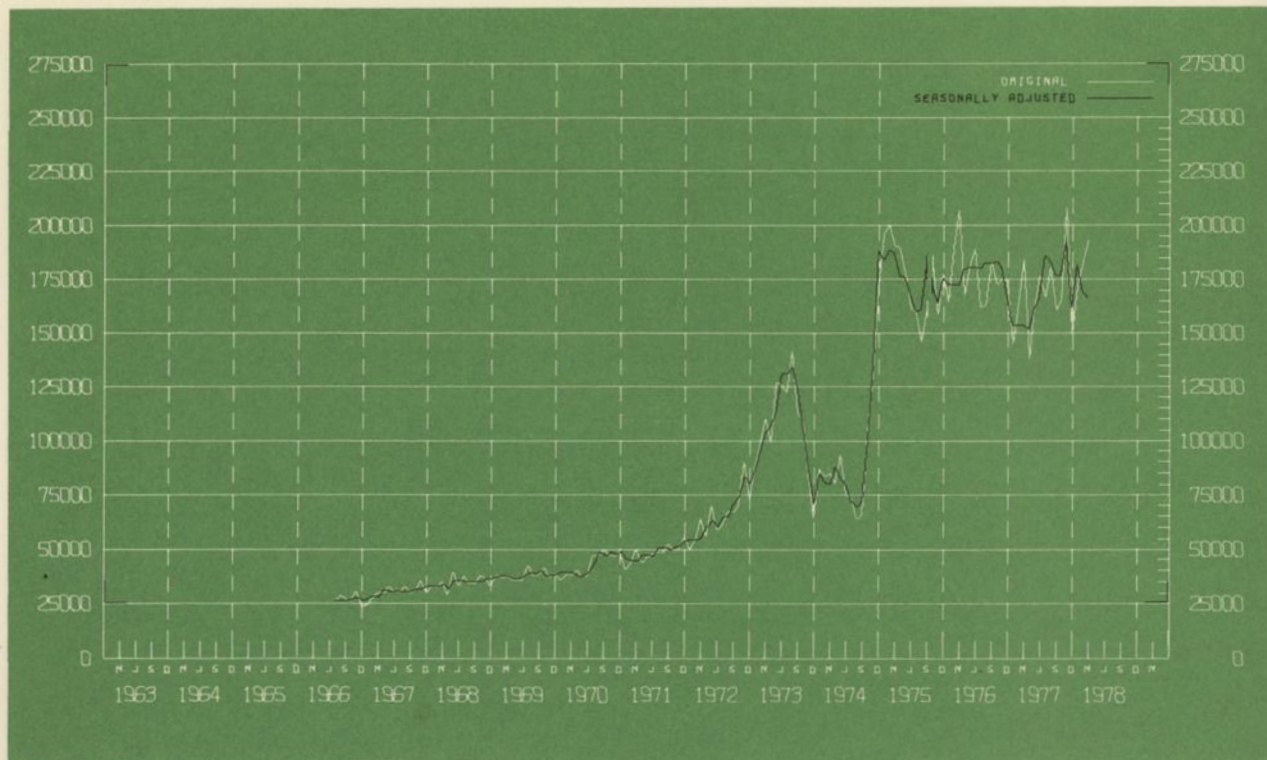
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1969					1359	1244	1575	1507	1621	1970	1604	1709
1970	1195	1390	1344	1005	718	588	1136	1233	1599	1603	1805	1540
1971	1294	1414	1446	1534	1465	1649	2094	1961	2163	2047	2206	1913
1972	1679	2096	2120	1856	2462	2366	2660	2701	3272	3230	3321	2667
1973	2609	2908	3212	2257	2205	1509	1900	2392	1999	2004	1479	912
1974	1067	1430	1562	1340	1264	663	973	973	825	733	698	548
1975	551	797	913	1198	1513	1870	1807	1957	2078	2291A	2322	1903
1976	1671	1523	1547	1162	1283	1215	1431	1644	1687	1744	1894	1567
1977	1326	1491	1780	1407	1651	1585	1764	2104	1857	1591	1673	1429
1978	1350	1435	1379	1408								

## SEASONALLY ADJUSTED

1969					1589	1526	1505	1443	1380	1650	1441	1697
1970	1400	1411	1387	1138	831	696	1040	1201	1346	1410	1570	1619
1971	1540	1437	1397	1705	1699	1913	2031	1843	1862	1815	1902	1955
1972	2086	2075	2030	2207	2554	2713	2678	2455	2776	2900	2954	2952
1973	3045	2989	3208	2560	2302	1690	1883	2039	1853	1709	1308	1059
1974	1320	1493	1552	1479	1220	789	909	857	740	659	620	632
1975	654	846	920	1320	1505	2102	1763	1710	1827	1986A	2233	2071
1976	2088	1645	1432	1297	1307	1302	1391	1438	1512	1615	1690	1696
1977	1696	1625	1725	1572	1644	1726	1715	1741	1644	1521	1470	1626
1978	1681	1571	1276	1707								

(A) BREAK IN CONTINUITY OF SERIES - SEE EXPLANATORY NOTES.

HOUSING FINANCE FOR OWNER OCCUPATION - LOANS APPROVED TO INDIVIDUALS  
TOTAL VALUE OF LOANS APPROVED (A)  
SAVINGS BANKS  
\$ MILLION



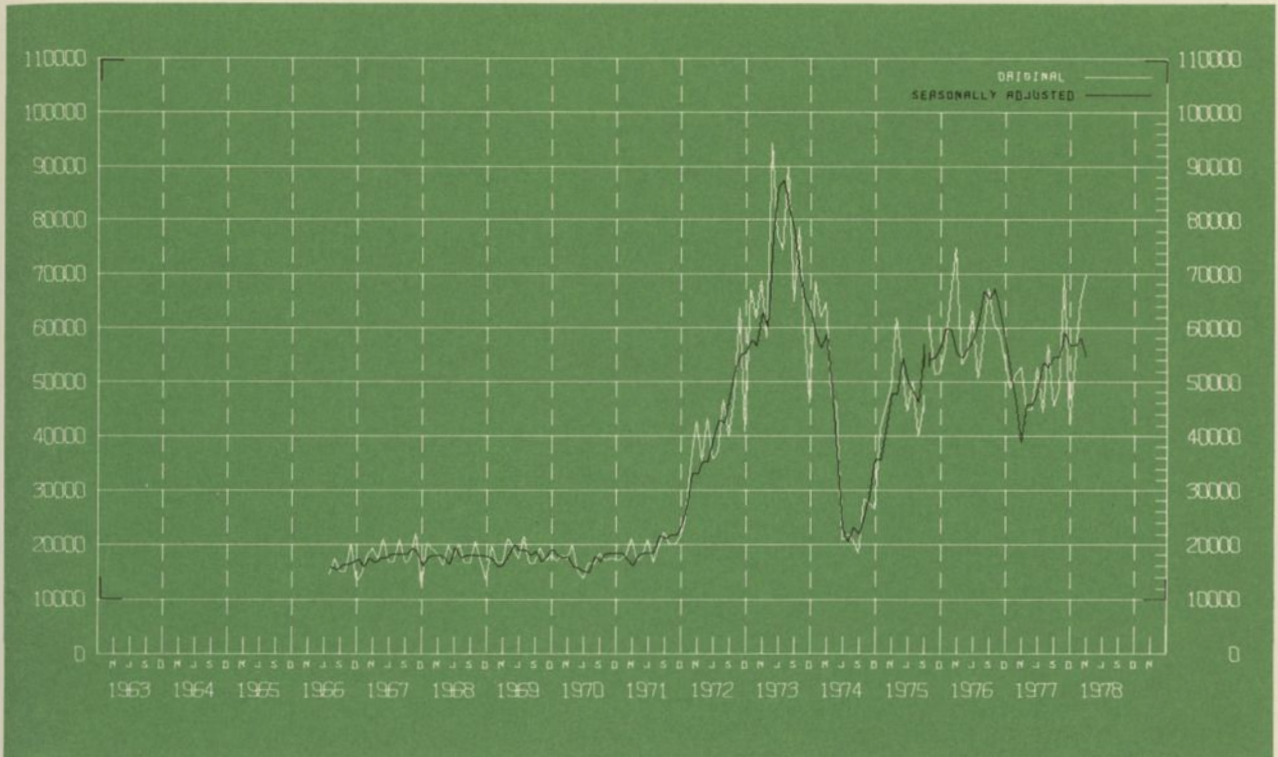
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1966							25898	28744	26281	27319	30419	23613
1967	24640	27312	29760	29337	32373	29779	29345	32647	29476	31643	35365	30029
1968	32722	32067	34799	28272	39515	33001	37694	33822	33927	38152	35950	33101
1969	38236	36640	37616	35589	35857	35771	42608	37323	38703	41686	36778	38759
1970	35685	38025	37720	39774	36925	37421	46985	46809	49547	47220	46746	48935
1971	40681	43581	50213	43313	46081	48117	49067	48670	52734	49078	50109	55499
1972	49261	54052	63934	55547	70118	58557	61440	67656	66996	69848	90388	72900
1973	88246	97289	110603	98889	127082	125446	121976	141647	112712	109246	84301	63814
1974	86820	83668	84854	80139	93689	74843	73239	63748	66248	104097	130809	171066
1975	196180	200081	190183	189139	177254	161378	158833	145341	161422	182444B	157852	177749
1976	163810	189609	207000	167300	181724	188812	161742	163276	182903	172360	174836	172864
1977	144555	164713	184099	137637	161769	176279	166213	180720	160546	165065	207770	149162
1978	172035	182918	192797									

## SEASONALLY ADJUSTED

1966							26188	26552	26652	27600	27825	26011
1967	27365	28302	27359	31359	29791	30734	29892	30414	30558	32051	31863	33097
1968	32681	32439	33904	31694	35539	35253	34526	34541	34675	35104	36434	36599
1969	37516	37820	36780	35916	36291	37325	39319	38239	40203	37647	37859	38517
1970	39469	38866	38972	37077	37272	39621	42296	48406	46598	48724	47224	48814
1971	44855	44148	43775	46809	46455	45976	50609	50942	49249	51137	51731	53949
1972	54334	53835	55525	59980	63105	60198	64661	64711	71049	73797	83216	80074
1973	86358	95503	104234	106852	113976	131108	130775	133925	122263	104324	85500	70607
1974	84597	80699	78991	88084	81782	79105	71654	69089	71552	100563	135092	188049
1975	183493	187850	186730	176148	174852	167206	159589	161186	181197	171965B	163715	174901
1976	171769	172152	171618	179396	180293	179914	179531	182679	181861	183152	180149	165802
1977	153109	153272	153012	150854	160299	166024	185350	182980	176314	176270	192163	161144
1978	181458	168771	165392									

(A) INCLUDES LOANS APPROVED FOR THE CONSTRUCTION OF DWELLINGS, PURCHASE OF NEWLY  
ERECTED DWELLINGS AND PURCHASE OF ESTABLISHED DWELLINGS.  
(B) BREAK IN CONTINUITY OF SERIES - SEE EXPLANATORY NOTES.

HOUSING FINANCE FOR OWNER OCCUPATION - LOANS APPROVED TO INDIVIDUALS  
 TOTAL VALUE OF LOANS APPROVED (A)  
 TRADING BANKS (B)  
 \$ MILLION



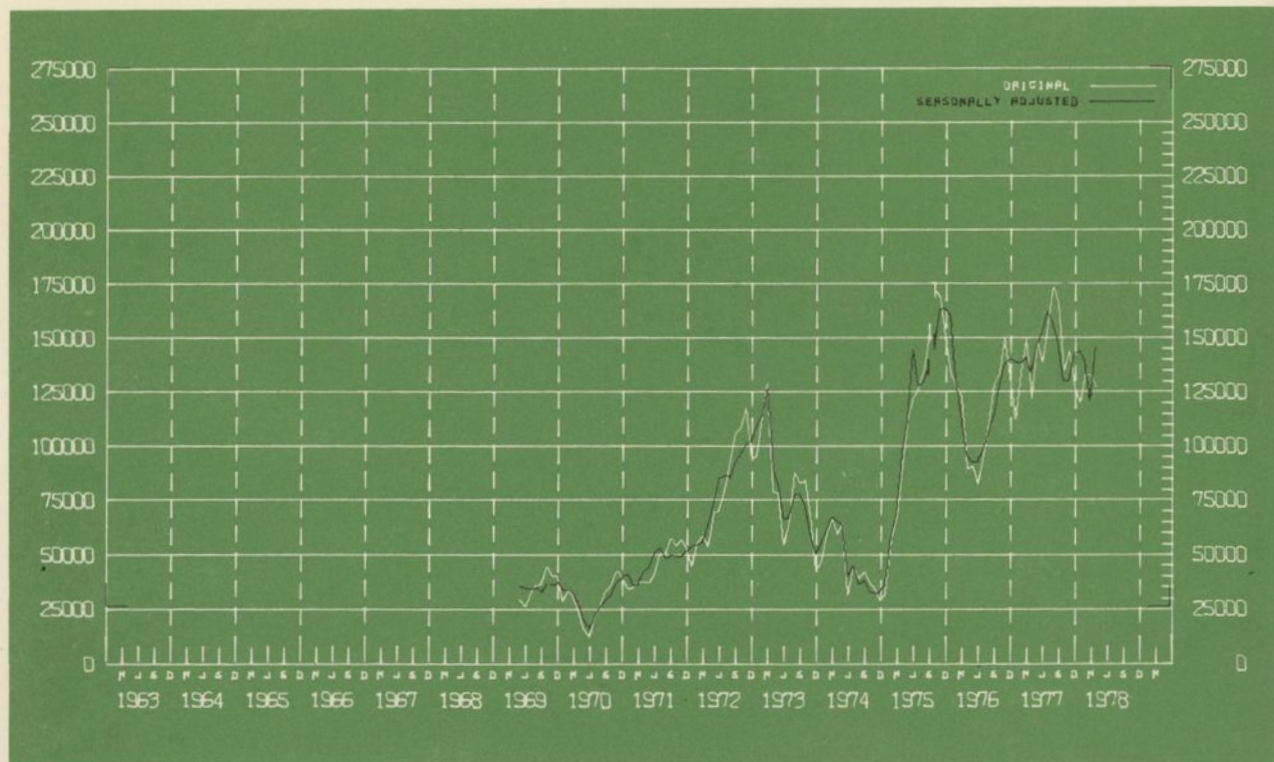
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1966							14454	17449	14742	15112	20261	13251
1967	14642	18095	19441	17160	21021	16560	16982	20921	16573	17669	22134	12245
1968	20156	19004	18000	16058	19727	17689	20108	16523	16432	20588	17012	13339
1969	19851	16584	16646	21105	19309	17109	21597	16449	16582	19443	16940	18082
1970	16950	18260	17251	19964	15073	13549	16562	16213	18341	16971	17578	17058
1971	17438	18210	21114	16948	18079	20941	16578	19594	22449	20055	20225	21349
1972	24813	35386	42885	35156	43313	35535	37104	46861	39799	47428	63811	40515
1973	67132	61502	68830	57977	94477	76943	74121	89958	64576	78776	60255	45997
1974	68551	61747	64740	47315	45366	20701	21750	20532	18294	28396	27364	26319
1975	41375	45477	49020	61957	53653	44328	49946	39945	45885	60704C	51234	52062
1976	56425	66185	75082	53155	55263	63293	50368	57997	67384	60337	59094	53705
1977	48677	51619	52839	44855	44930	52805	44233	57037	45458	48745	69799	42242
1978	53368	65054	69704									

## SEASONALLY ADJUSTED

1966							15785	15498	16324	16588	16943	17520
1967	16084	17540	16813	17604	17591	18317	18619	18559	18471	19405	18574	16227
1968	17726	18473	18140	17554	16466	19578	17750	18242	18482	18015	17987	17716
1969	17305	16026	16532	18297	20115	18978	19250	18243	18929	17033	18025	19378
1970	18266	17567	17920	16003	15641	15076	14906	17999	16957	18616	18849	18542
1971	18842	17407	16154	17930	18714	18649	18954	21888	21231	22058	21759	23461
1972	26725	33437	33028	35582	35645	39730	43260	42401	47613	52535	55280	56002
1973	57923	56833	63172	60167	77493	86376	87855	82484	78150	70111	65251	63379
1974	59014	56342	59279	48889	37088	23268	20697	23342	21989	25282	29463	36036
1975	35610	41217	48178	47829	54786	50341	48276	46316	55663	54412C	54962	56615
1976	60299	59837	55386	54689	56359	57913	61150	67221	65577	67507	63142	58161
1977	52016	46627	38915	46146	45833	48557	53854	52705	54981	54575	59435	57092
1978	56813	58341	54830									

- (A) INCLUDES LOANS APPROVED FOR THE CONSTRUCTION OF DWELLINGS, PURCHASE OF NEWLY  
 ERECTED DWELLINGS AND PURCHASE OF ESTABLISHED DWELLINGS.  
 (B) SOURCE OF ORIGINAL DATA TO SEPTEMBER 1975 - RESERVE BANK OF AUSTRALIA.  
 (C) BREAK IN CONTINUITY OF SERIES - SEE EXPLANATORY NOTES.

HOUSING FINANCE FOR OWNER OCCUPATION - LOANS APPROVED TO INDIVIDUALS  
TOTAL VALUE OF LOANS APPROVED (A)  
PERMANENT BUILDING SOCIETIES  
\$ MILLION



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1969					28290	25436	32291	35775	36389	44283	39366	39407
1970	28151	33258	29811	23223	14898	11507	21609	26279	33718	36013	42614	39389
1971	34120	34894	37646	37559	36361	41082	50322	50209	57588	53689	57066	52511
1972	43863	55697	58281	52950	69131	70267	79566	92882	106105	108288	117325	93852
1973	95301	113567	128853	78437	77742	54157	63370	88092	82565	84454	66761	42708
1974	46681	59671	66667	59195	64688	31014	44487	38274	41938	36784	33417	28342
1975	32168	57545	67621	91051	113254	122484	127311	134771	152345	171742B	168293	150015
1976	133204	127086	122625	88947	90816	82150	95511	110490	128448	133563	150206	131692
1977	111283	133980	149628	121599	148566	137943	155832	173871	166089	134004	143840	126969
1978	119370	133648	131324	126490								

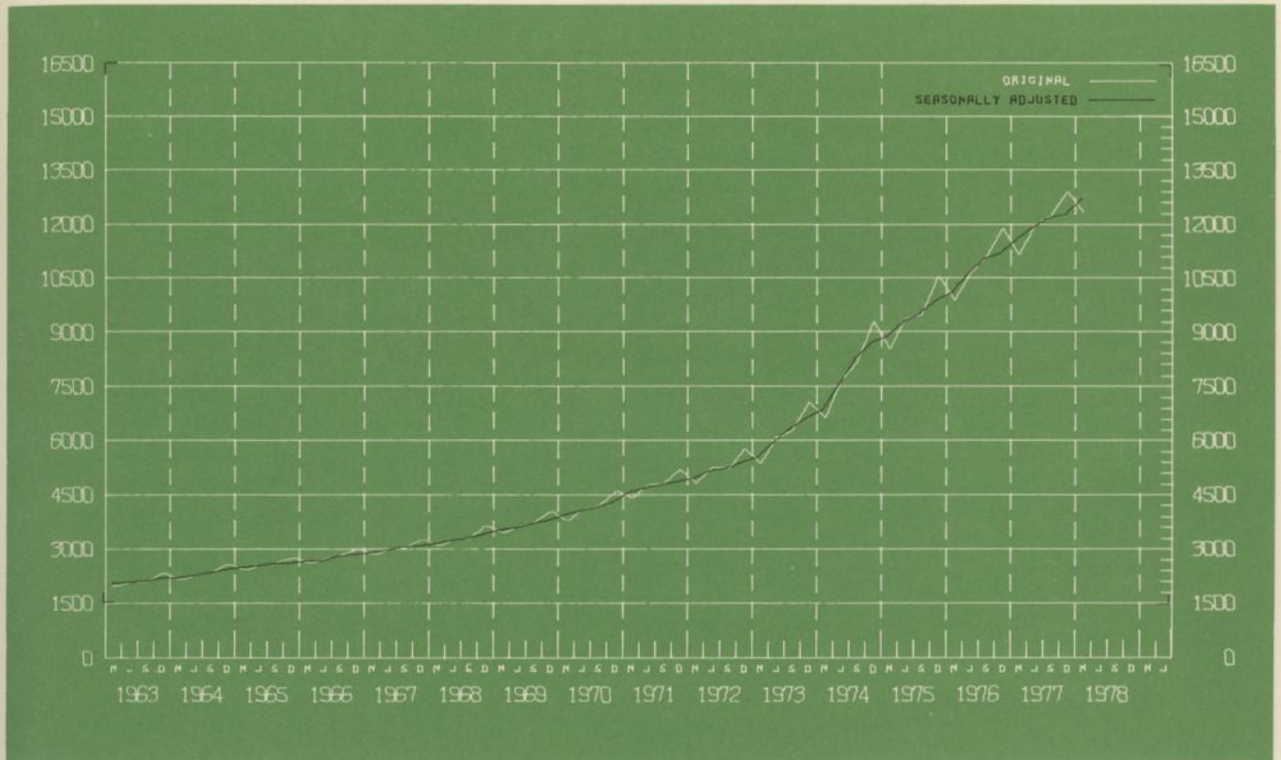
## SEASONALLY ADJUSTED

1969					34187	32916	33200	34167	31698	36018	34644	36728
1970	32497	32839	30649	25939	18064	14418	21263	25358	28605	30942	36480	38302
1971	40619	34542	36224	41739	43553	50237	52706	47172	48869	47396	48545	50879
1972	53691	53809	54997	62839	73577	84660	86200	83904	91846	95686	100240	102067
1973	108564	112953	126730	87929	80592	65124	66522	77069	76513	71211	58234	48843
1974	54550	60092	66540	64239	62229	38658	43942	35237	37648	31928	30364	32371
1975	36453	58088	67394	96144	111692	144098	126749	129190	135459	146709B	162920	162625
1976	159509	129070	112784	94357	91591	91658	96638	104383	112401	125982	136852	139486
1977	137520	137730	139813	132481	145527	151738	161399	156067	147363	128884	128538	141439
1978	143498	137937	119399	145491								

(A) INCLUDES LOANS APPROVED FOR THE CONSTRUCTION OF DWELLINGS, PURCHASE OF NEWLY  
ERECTED DWELLINGS AND PURCHASE OF ESTABLISHED DWELLINGS.  
(B) BREAK IN CONTINUITY OF SERIES - SEE EXPLANATORY NOTES.

## WAGES, SALARIES AND SUPPLEMENTS

\$ MILLION

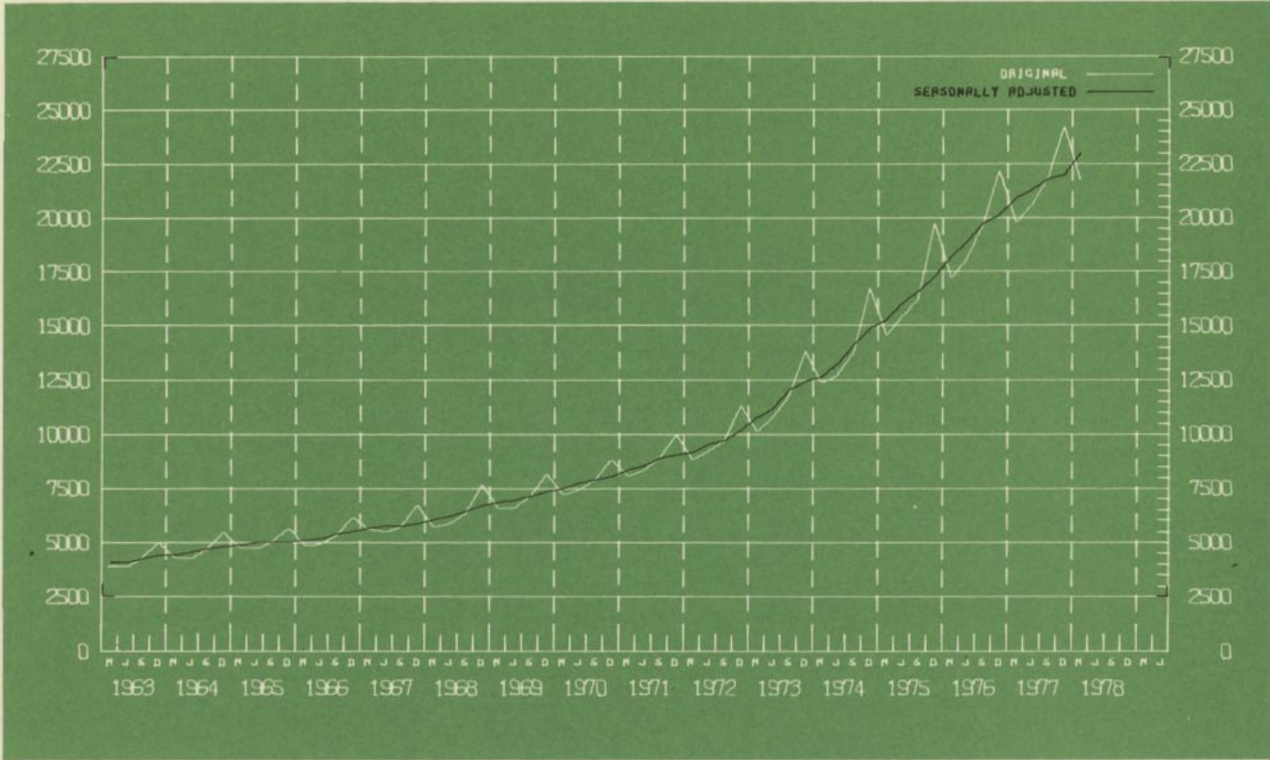


YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1963	1956	2101	2113	2343
1964	2119	2286	2384	2588
1965	2385	2551	2628	2766
1966	2568	2715	2842	2990
1967	2810	2998	3064	3267
1968	3059	3260	3313	3626
1969	3409	3634	3744	4065
1970	3762	4100	4210	4576
1971	4381	4779	4808	5203
1972	4811	5245	5187	5762
1973	5350	6076	6291	7036
1974	6600	7669	8195	9308
1975	8526	9380	9498	10570
1976	9862	10659	11086	11868
1977	11131	11968	12237	12900
1978	12291			

## SEASONALLY ADJUSTED

1963	2052	2096	2137	2222
1964	2210	2279	2378	2458
1965	2514	2557	2626	2630
1966	2705	2713	2840	2869
1967	2936	3003	3079	3132
1968	3176	3263	3330	3462
1969	3582	3631	3751	3845
1970	3989	4097	4208	4336
1971	4631	4746	4840	4929
1972	5022	5206	5279	5474
1973	5624	6037	6397	6687
1974	6925	7631	8333	8801
1975	8983	9355	9600	9960
1976	10205	10696	11122	11265
1977	11677	11986	12276	12357
1978	12787			

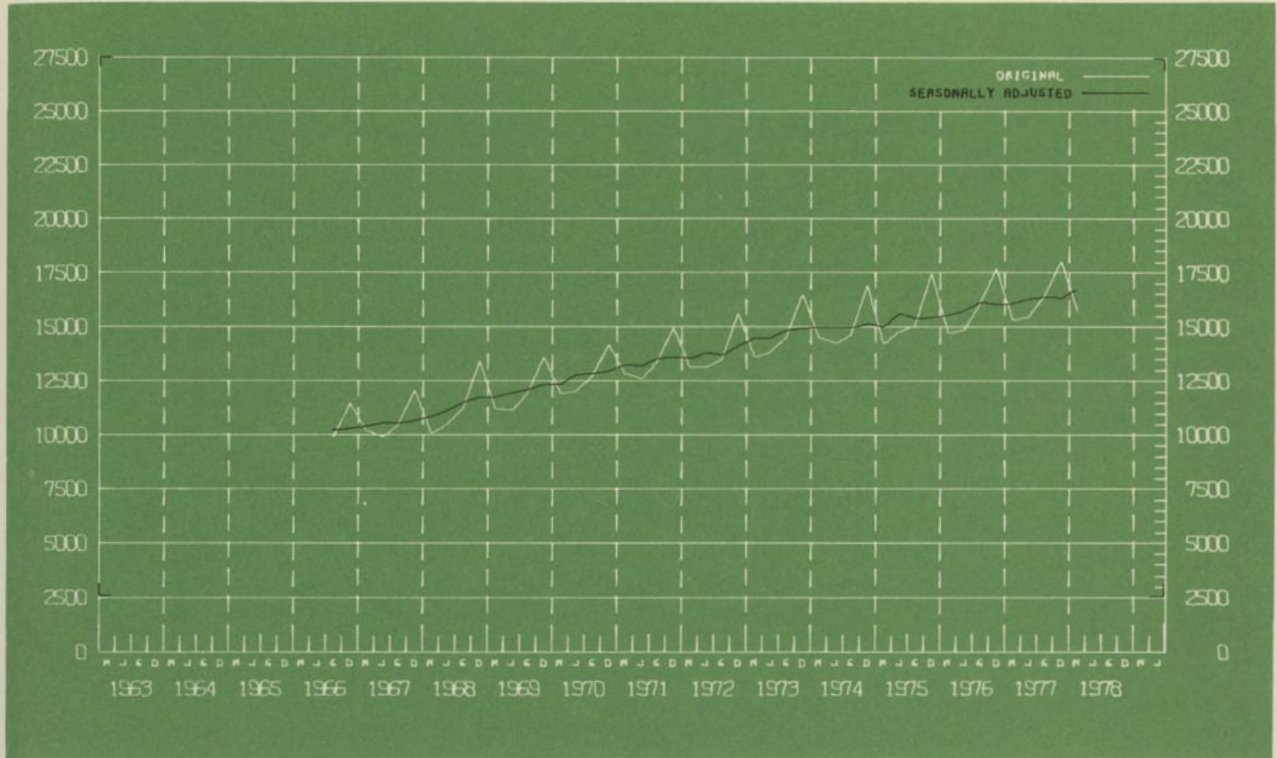
GROSS DOMESTIC PRODUCT  
AT CURRENT PRICES  
\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1963	3865	3834	4304	4993
1964	4243	4267	4702	5425
1965	4714	4716	5044	5671
1966	4856	4930	5372	6169
1967	5537	5455	5745	6682
1968	5695	5909	6364	7626
1969	6530	6589	7162	8130
1970	7213	7465	7923	8780
1971	8057	8340	8916	9926
1972	8812	9266	9687	11307
1973	10123	10807	11731	13806
1974	12328	12768	13814	16766
1975	14530	15466	16242	19734
1976	17209	18094	19696	22168
1977	19757	20603	21852	24182
1978	21692			
SEASONALLY ADJUSTED				
1963	4071	4120	4310	4430
1964	4452	4575	4731	4862
1965	4908	5035	5059	5070
1966	5133	5224	5450	5560
1967	5716	5802	5801	5915
1968	6095	6239	6481	6752
1969	6885	7018	7189	7424
1970	7556	7798	7945	8095
1971	8420	8611	8950	9079
1972	9194	9608	9738	10257
1973	10776	11263	12097	12510
1974	12683	13275	14205	14971
1975	15342	16124	16670	17368
1976	18226	18963	19791	20188
1977	20942	21354	21869	22068
1978	23071			

GROSS DOMESTIC PRODUCT  
AT AVERAGE 1974-75 PRICES

\$ MILLION



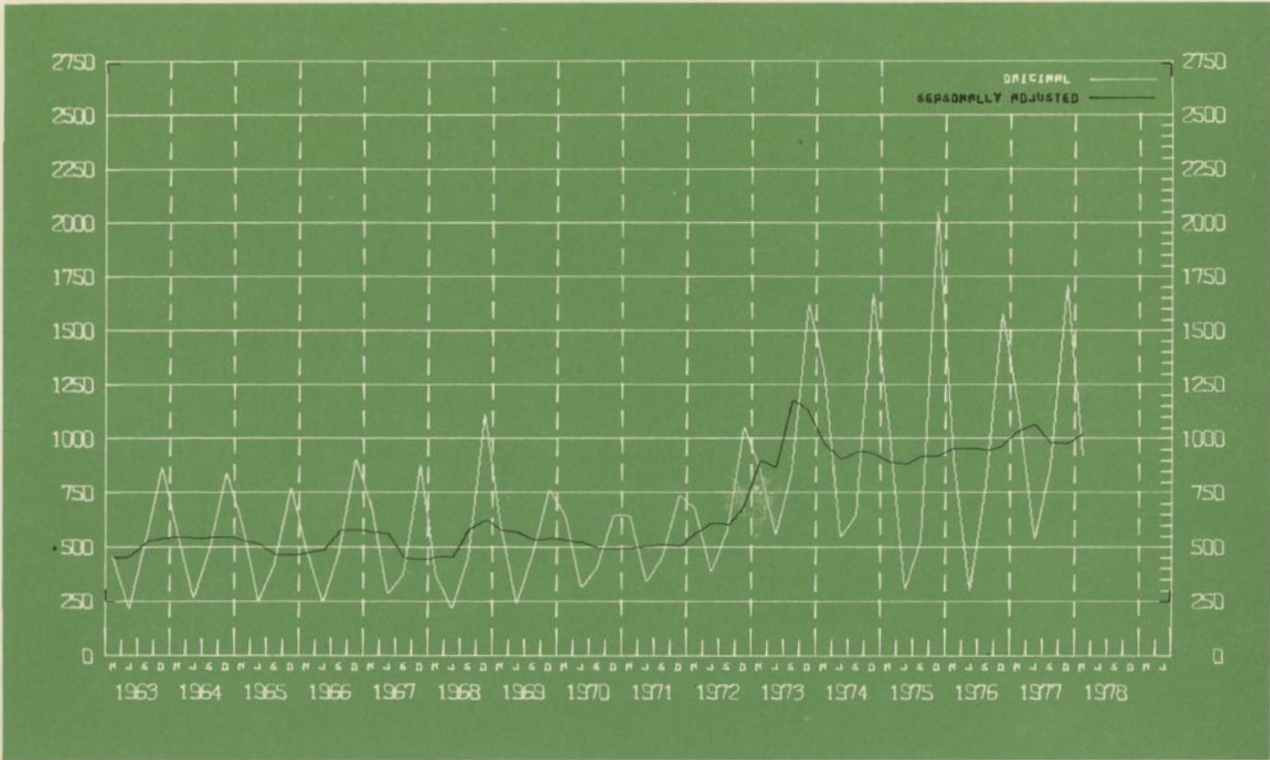
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1966			9916	11458
1967	10170	9826	10505	12032
1968	10065	10482	11233	13377
1969	11134	11106	11926	13607
1970	11917	12058	12748	14147
1971	12798	12546	13395	14956
1972	13075	13144	13516	15616
1973	13616	13869	14533	16524
1974	14467	14215	14647	16898
1975	14220	14811	15104	17463
1976	14712	14896	16122	17691
1977	15285	15485	16469	18102
1978	15639			

SEASONALLY ADJUSTED

1966			10130	10278
1967	10420	10555	10574	10625
1968	10829	11082	11484	11761
1969	11741	11928	12100	12340
1970	12289	12792	12850	12952
1971	13240	13160	13567	13577
1972	13493	13823	13633	14112
1973	14480	14482	14867	14954
1974	14996	14976	14926	15140
1975	14964	15584	15329	15436
1976	15574	15726	16165	16009
1977	16104	16305	16416	16325
1978	16719			

GROSS FARM PRODUCT  
AT CURRENT PRICES

\$ MILLION



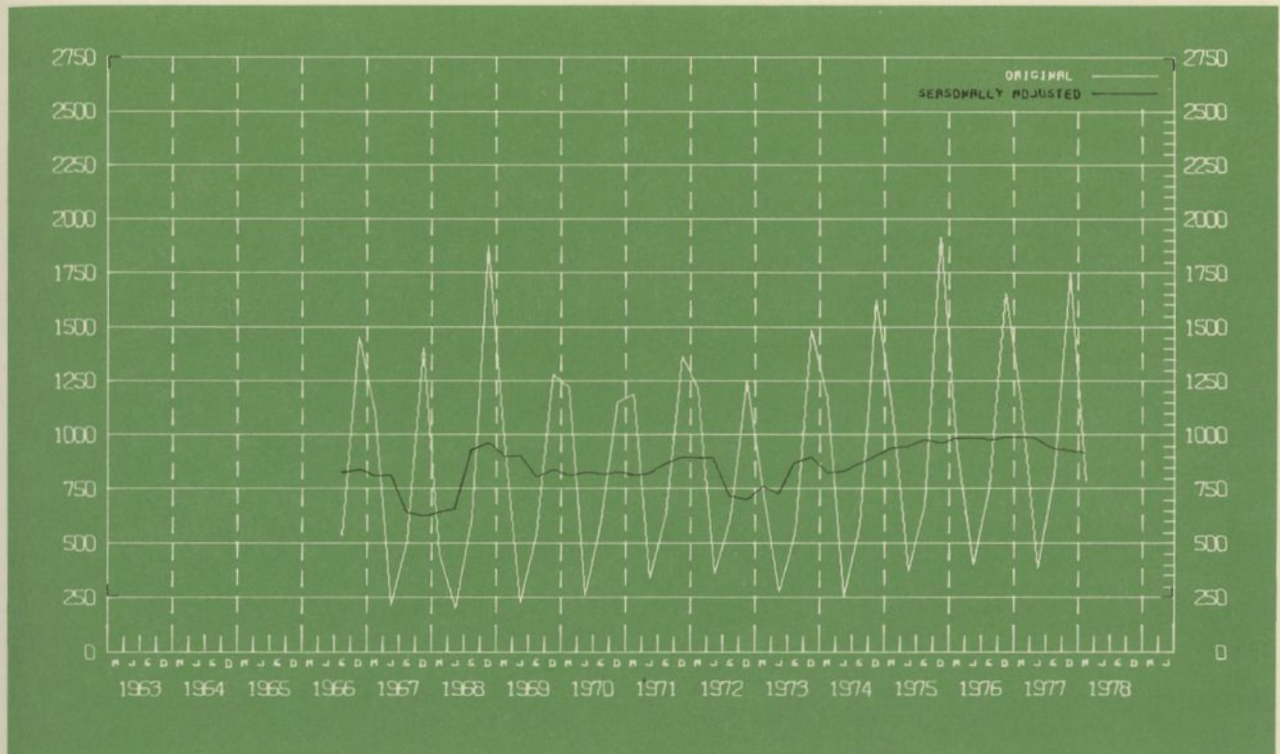
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1963	446	210	524	869
1964	554	258	493	845
1965	604	244	419	775
1966	478	240	480	906
1967	678	279	380	879
1968	359	209	450	1114
1969	597	235	465	765
1970	641	309	412	649
1971	635	336	456	733
1972	672	381	578	1056
1973	856	551	856	1624
1974	1305	542	648	1677
1975	1061	299	537	2048
1976	901	294	790	1580
1977	1135	529	881	1713
1978	917			

SEASONALLY ADJUSTED

1963	454	467	530	552
1964	553	538	554	557
1965	530	516	465	467
1966	483	493	587	592
1967	569	564	452	446
1968	466	461	591	634
1969	582	572	537	549
1970	529	526	497	497
1971	503	514	520	506
1972	572	618	604	697
1973	907	869	1185	1135
1974	978	910	951	937
1975	896	884	928	929
1976	963	963	950	973
1977	1046	1077	986	982
1978	1029			

GROSS FARM PRODUCT  
AT AVERAGE 1974-75 PRICES

\$ MILLION



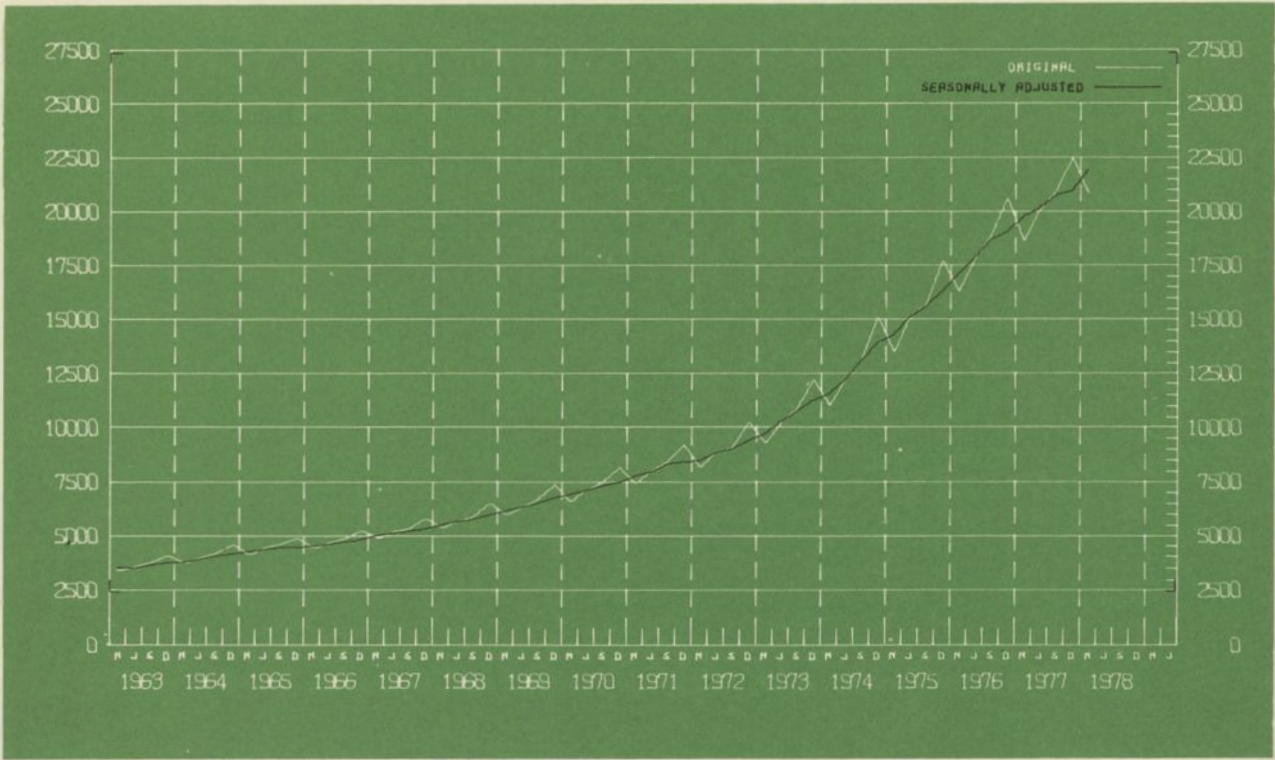
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1966			530	1455
1967	1107	207	511	1405
1968	444	193	617	1879
1969	973	219	541	1278
1970	1217	257	598	1156
1971	1190	335	637	1364
1972	1203	357	613	1256
1973	742	270	548	1487
1974	1164	249	580	1624
1975	1114	367	671	1920
1976	934	394	757	1660
1977	1140	378	806	1752
1978	779			

SEASONALLY ADJUSTED

1966			823	840
1967	807	814	633	618
1968	646	660	933	967
1969	901	905	806	839
1970	811	832	814	830
1971	809	823	871	902
1972	890	892	716	696
1973	761	723	875	902
1974	826	833	871	903
1975	944	951	978	960
1976	988	988	974	997
1977	993	981	936	926
1978	916			

GROSS NON-FARM PRODUCT  
AT CURRENT PRICES

\$ MILLION



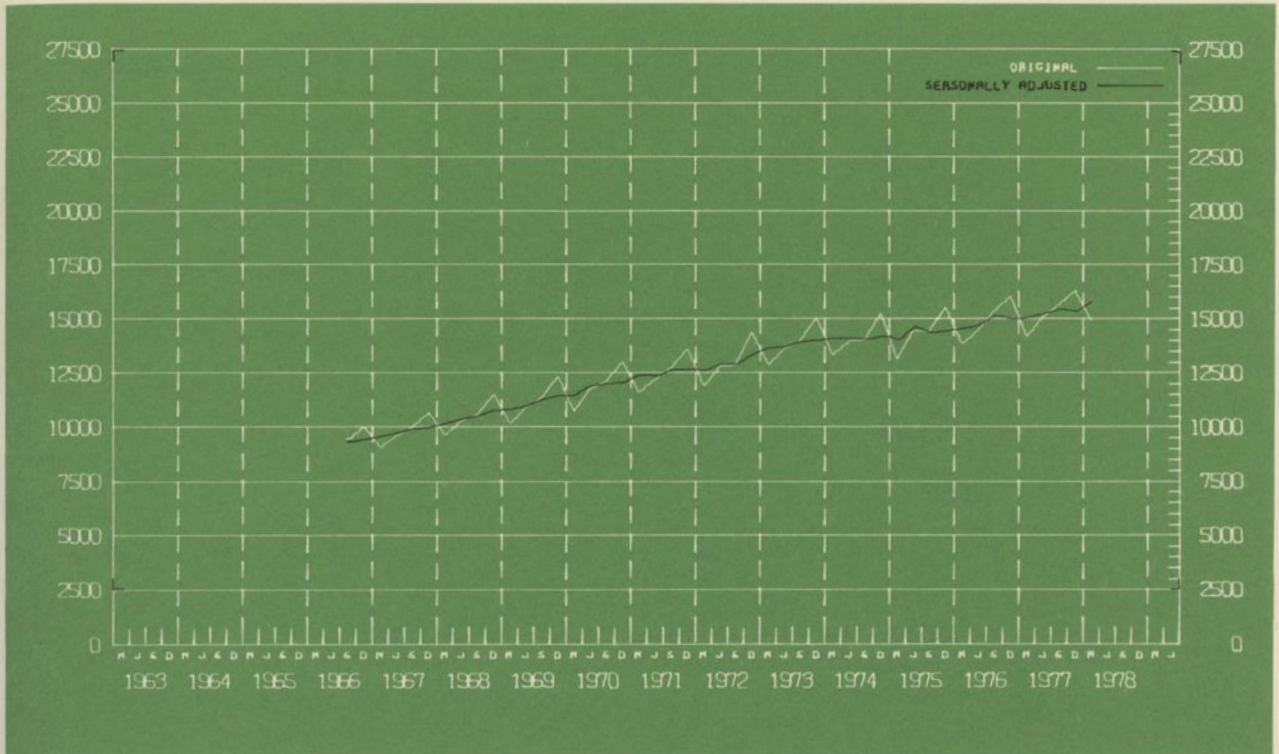
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1963	3419	3624	3780	4124
1964	3689	4009	4209	4580
1965	4110	4472	4625	4896
1966	4378	4690	4892	5263
1967	4859	5176	5365	5803
1968	5336	5700	5914	6512
1969	5933	6354	6697	7365
1970	6572	7156	7511	8131
1971	7422	8004	8460	9193
1972	8140	8885	9109	10251
1973	9267	10256	10875	12182
1974	11023	12226	13166	15089
1975	13469	15167	15705	17686
1976	16308	17800	18906	20588
1977	18622	20074	20971	22469
1978	20775			

SEASONALLY ADJUSTED

1963	3617	3653	3780	3878
1964	3899	4037	4177	4305
1965	4378	4519	4594	4603
1966	4650	4731	4863	4968
1967	5147	5238	5349	5469
1968	5629	5778	5890	6118
1969	6303	6446	6652	6875
1970	7027	7272	7448	7598
1971	7917	8097	8430	8573
1972	8622	8990	9134	9560
1973	9869	10394	10912	11375
1974	11705	12365	13254	14034
1975	14446	15240	15742	16439
1976	17263	18000	18841	19215
1977	19896	20277	20883	21086
1978	22042			

GROSS NON-FARM PRODUCT  
AT AVERAGE 1974-75 PRICES

\$ MILLION



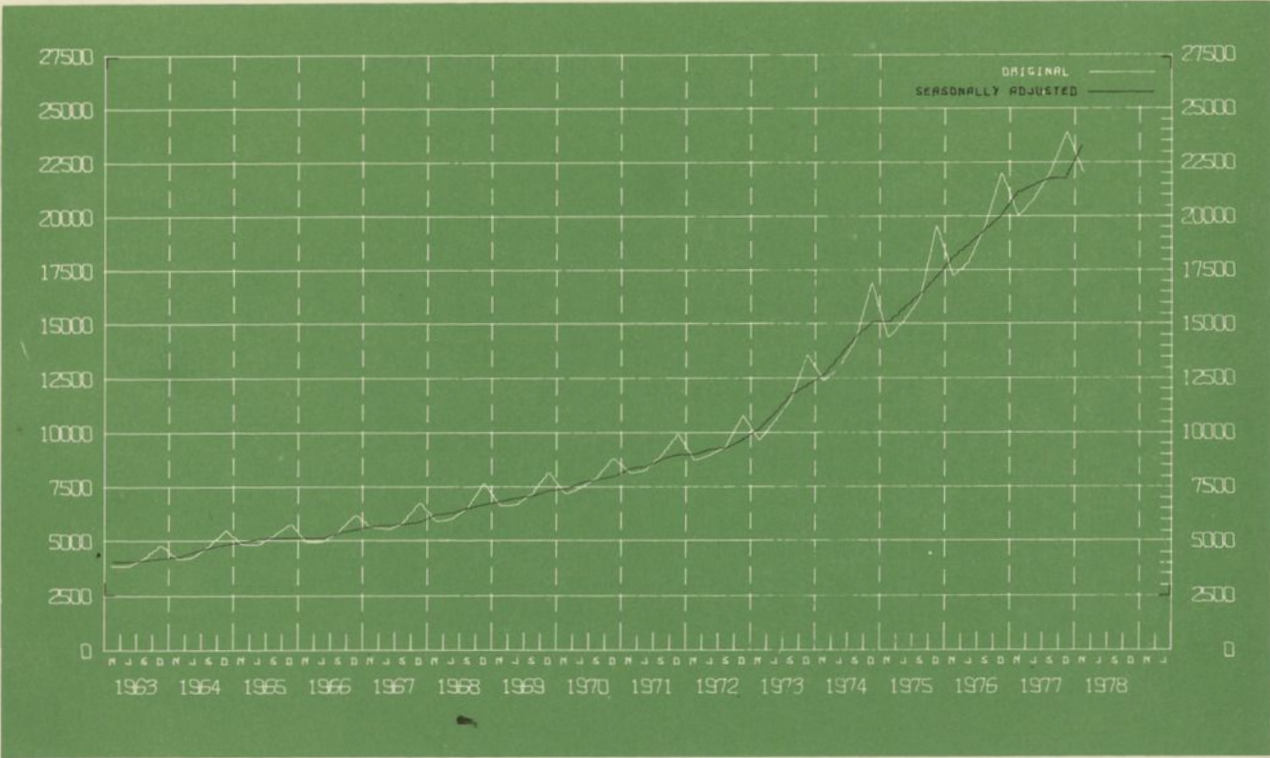
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1966			9386	10003
1967	9063	9619	9994	10627
1968	9621	10289	10616	11498
1969	10161	10887	11385	12329
1970	10700	11801	12150	12991
1971	11608	12211	12758	13592
1972	11872	12787	12903	14360
1973	12874	13599	13985	15037
1974	13303	13966	14067	15274
1975	13106	14444	14433	15543
1976	13778	14502	15365	16031
1977	14145	15107	15663	16350
1978	14860			

## SEASONALLY ADJUSTED

1966			9307	9438
1967	9613	9741	9941	10007
1968	10183	10422	10551	10794
1969	10840	11023	11294	11501
1970	11478	11960	12036	12122
1971	12431	12337	12696	12675
1972	12603	12931	12917	13416
1973	13719	13759	13992	14052
1974	14170	14143	14055	14237
1975	14020	14633	14351	14476
1976	14586	14738	15191	15012
1977	15111	15324	15480	15399
1978	15803			

GROSS NATIONAL EXPENDITURE  
AT CURRENT PRICES

\$ MILLION



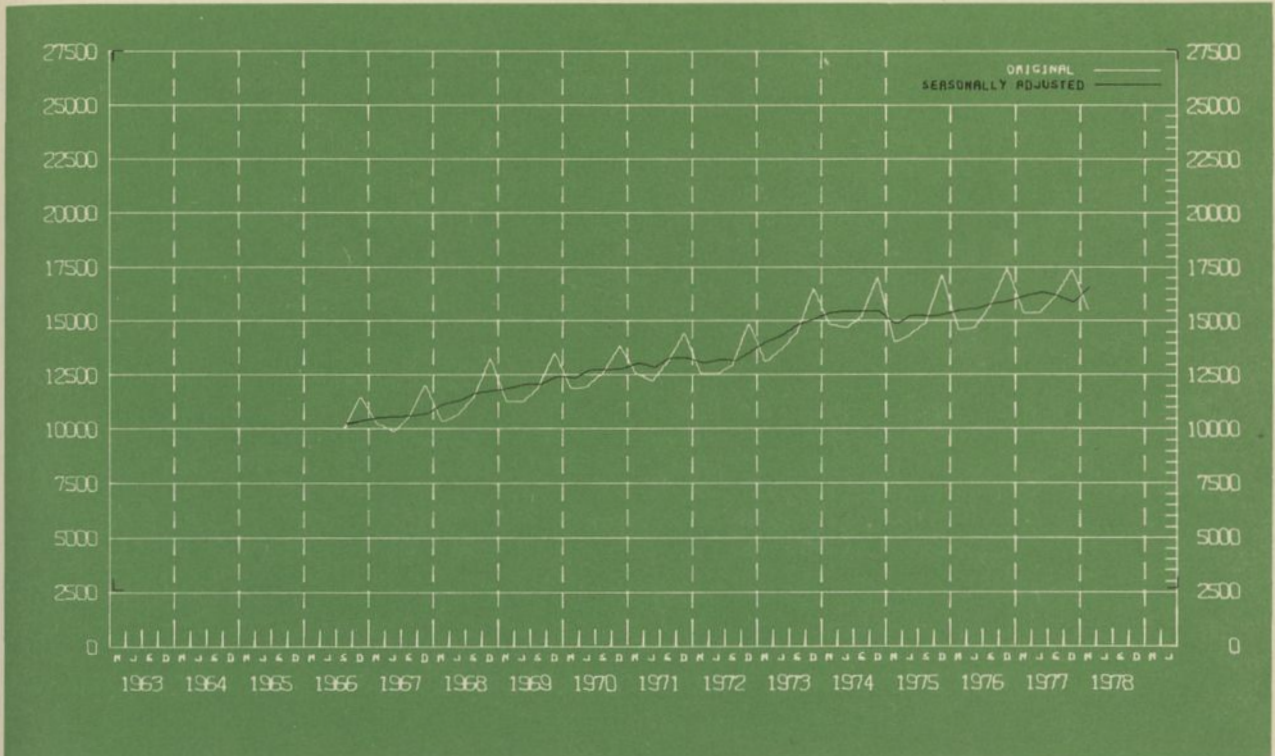
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1963	3819	3893	4267	4814
1964	4136	4295	4823	5487
1965	4811	4874	5286	5811
1966	4904	4982	5464	6203
1967	5602	5501	5903	6750
1968	5902	6072	6568	7655
1969	6577	6681	7208	8133
1970	7150	7503	7974	8775
1971	8091	8307	8933	9910
1972	8677	9020	9412	10774
1973	9602	10527	11540	13552
1974	12372	13074	14253	16882
1975	14349	15165	16177	19542
1976	17181	17911	19552	22002
1977	20022	20818	22032	23919
1978	22022			

SEASONALLY ADJUSTED

1963	4045	4167	4214	4299
1964	4374	4589	4794	4966
1965	5037	5181	5239	5249
1966	5209	5266	5490	5628
1967	5808	5839	5909	6017
1968	6328	6394	6637	6813
1969	6957	7099	7192	7459
1970	7516	7824	7955	8123
1971	8473	8571	8920	9098
1972	9079	9349	9414	9777
1973	10266	10983	11825	12322
1974	12743	13606	14515	15175
1975	15161	15835	16496	17278
1976	18206	18794	19523	20129
1977	21206	21600	21913	21920
1978	23398			

GROSS NATIONAL EXPENDITURE  
AT AVERAGE 1974-75 PRICES

\$ MILLION



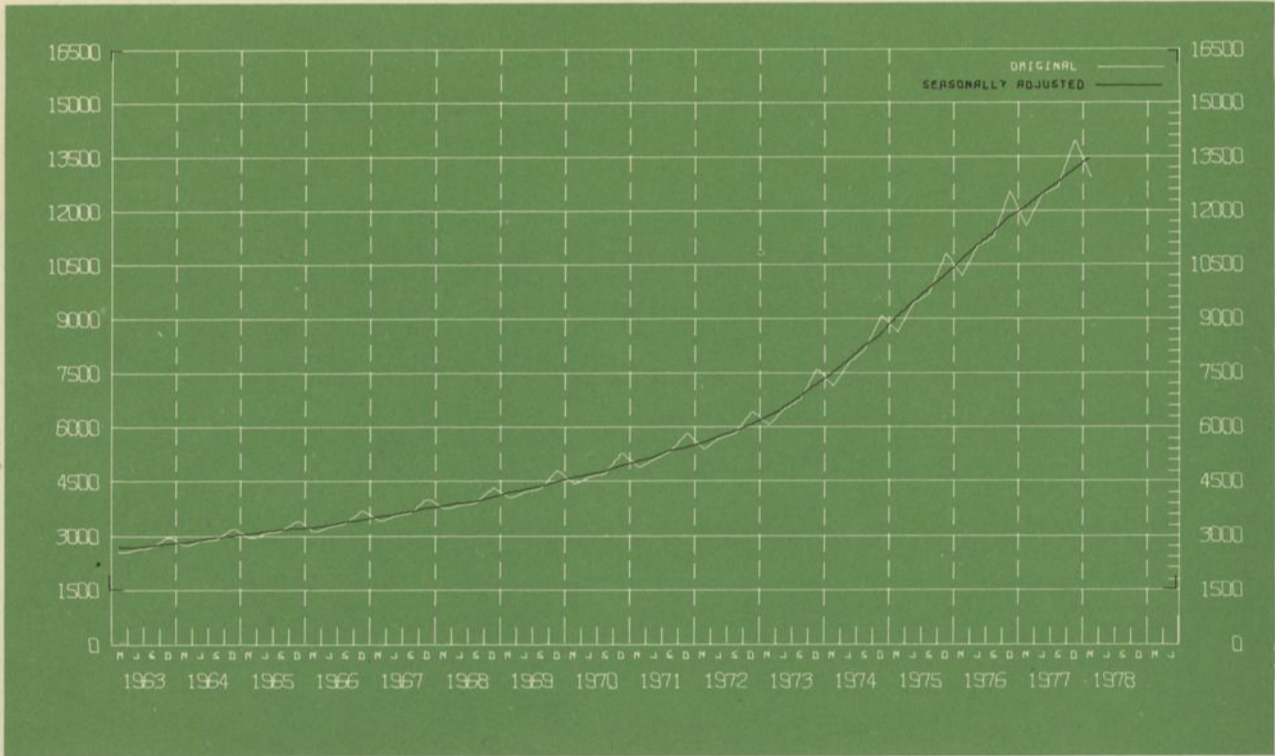
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
		ORIGINAL		
1966			10029	11520
1967	10257	9826	10610	12033
1968	10370	10721	11480	13300
1969	11247	11246	11947	13565
1970	11854	11998	12640	13831
1971	12554	12183	13152	14469
1972	12529	12532	12976	14887
1973	13123	13688	14520	16521
1974	14811	14658	15177	17033
1975	14019	14420	14930	17170
1976	14609	14681	15744	17446
1977	15347	15413	16165	17372
1978	15520			

## SEASONALLY ADJUSTED

1966			10189	10394
1967	10519	10540	10621	10691
1968	11150	11306	11670	11759
1969	11861	12047	12054	12378
1970	12235	12704	12680	12729
1971	12993	12769	13262	13183
1972	12939	13171	13044	13477
1973	13977	14279	14784	15042
1974	15339	15422	15365	15373
1975	14730	15178	15101	15246
1976	15433	15507	15734	15872
1977	16110	16247	16062	15709
1978	16537			

FINAL CONSUMPTION EXPENDITURE - PRIVATE  
AT CURRENT PRICES

\$ MILLION



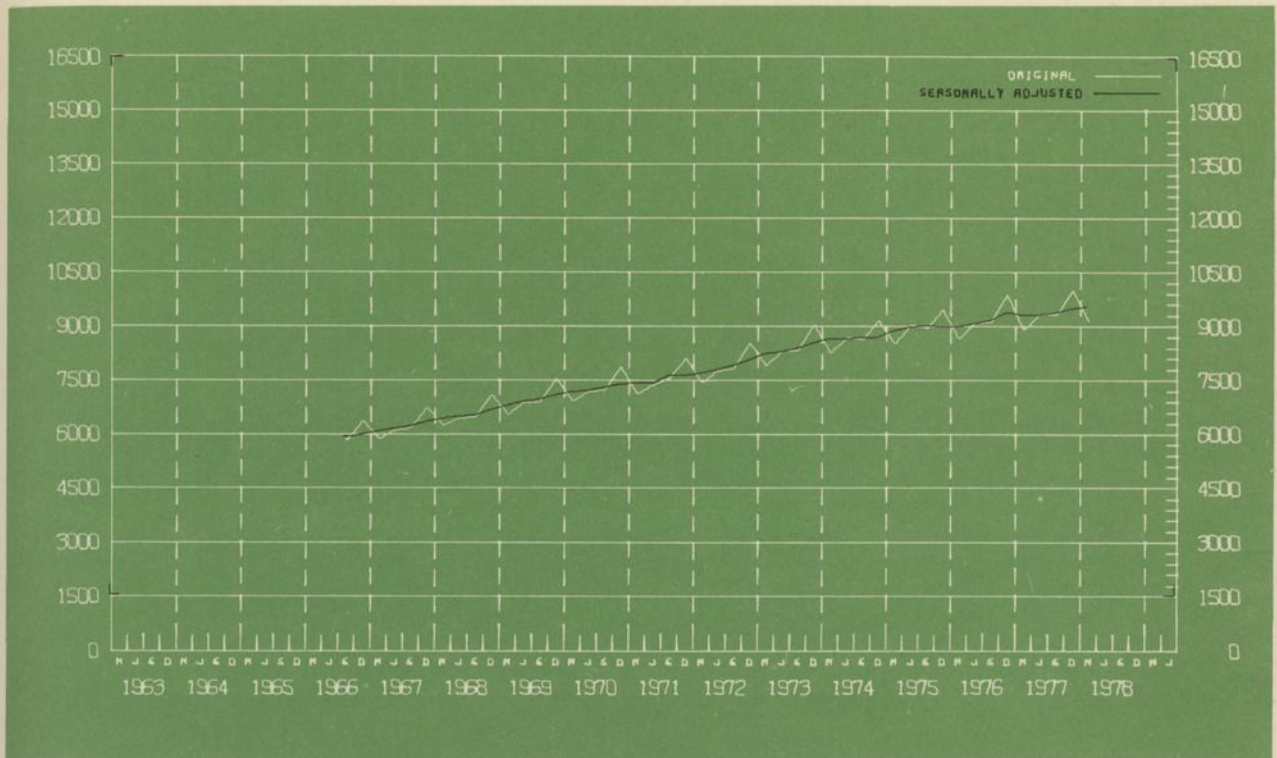
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1963	2514	2645	2712	2955
1964	2692	2868	2922	3218
1965	2919	3084	3137	3415
1966	3094	3275	3345	3677
1967	3375	3558	3653	4016
1968	3711	3878	3915	4328
1969	4025	4243	4317	4794
1970	4421	4647	4749	5275
1971	4855	5142	5337	5805
1972	5377	5702	5862	6433
1973	6030	6508	6778	7590
1974	7113	7783	8162	9046
1975	8618	9433	9707	10809
1976	10178	10997	11281	12549
1977	11559	12446	12690	13945
1978	12904			

SEASONALLY ADJUSTED

1963	2632	2666	2744	2781
1964	2805	2893	2957	3014
1965	3066	3110	3170	3201
1966	3245	3305	3383	3450
1967	3531	3597	3693	3774
1968	3852	3918	3961	4076
1969	4195	4288	4378	4513
1970	4613	4695	4801	4962
1971	5073	5192	5384	5471
1972	5585	5750	5911	6075
1973	6305	6546	6841	7163
1974	7467	7817	8237	8562
1975	9019	9461	9827	10198
1976	10616	11032	11392	11855
1977	12115	12479	12816	13179
1978	13512			

FINAL CONSUMPTION EXPENDITURE - PRIVATE  
AT AVERAGE 1974-75 PRICES

\$ MILLION



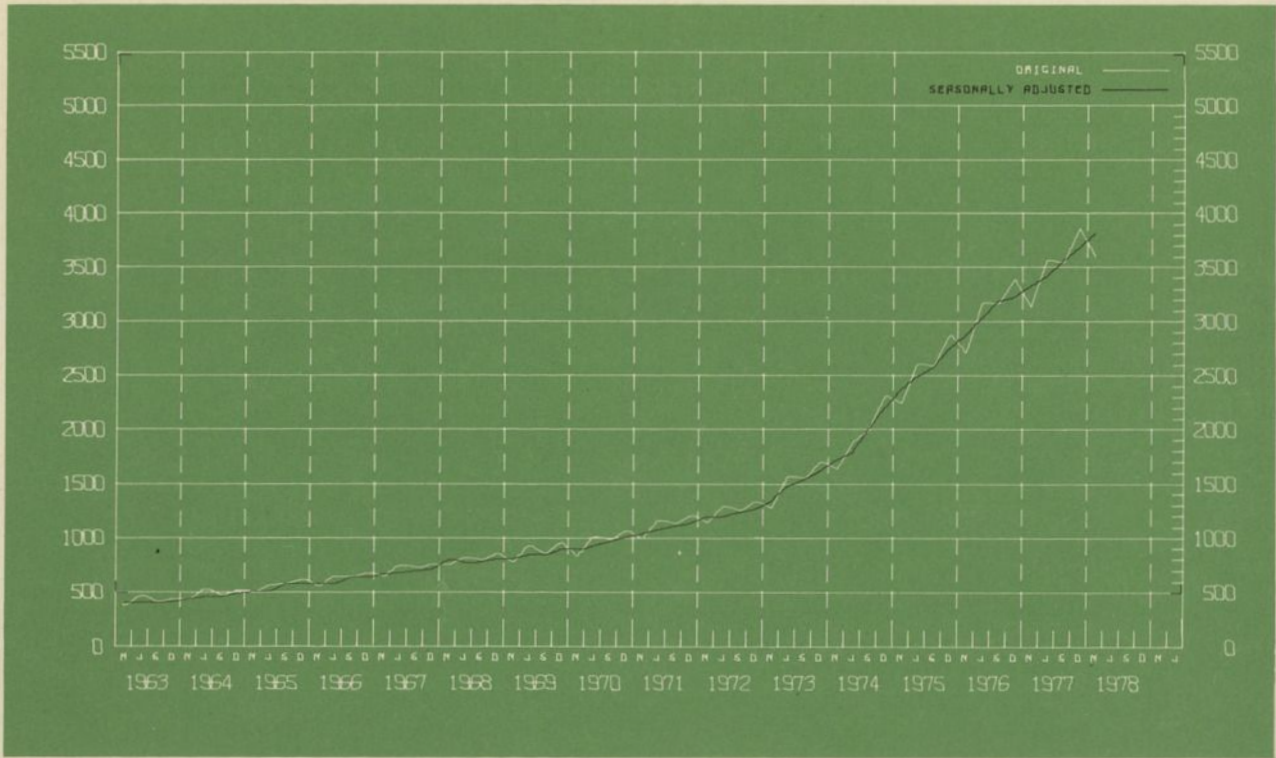
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
		ORIGINAL		
1966			5833	6374
1967	5855	6124	6169	6728
1968	6233	6459	6466	7069
1969	6546	6884	6902	7537
1970	6887	7196	7235	7863
1971	7106	7369	7573	8101
1972	7417	7776	7838	8528
1973	7879	8299	8332	9017
1974	8255	8683	8617	9140
1975	8483	9019	8923	9446
1976	8634	9097	9115	9878
1977	8883	9325	9311	10004
1978	9131			

SEASONALLY ADJUSTED

1966			5920	6004
1967	6098	6169	6253	6348
1968	6456	6504	6549	6678
1969	6812	6929	7003	7110
1970	7187	7244	7319	7414
1971	7430	7408	7644	7655
1972	7708	7813	7914	8079
1973	8236	8310	8410	8551
1974	8659	8682	8688	8701
1975	8867	9008	9026	8959
1976	9006	9087	9194	9376
1977	9309	9315	9394	9499
1978	9564			

FINAL CONSUMPTION EXPENDITURE - GOVERNMENT  
AT CURRENT PRICES

\$ MILLION



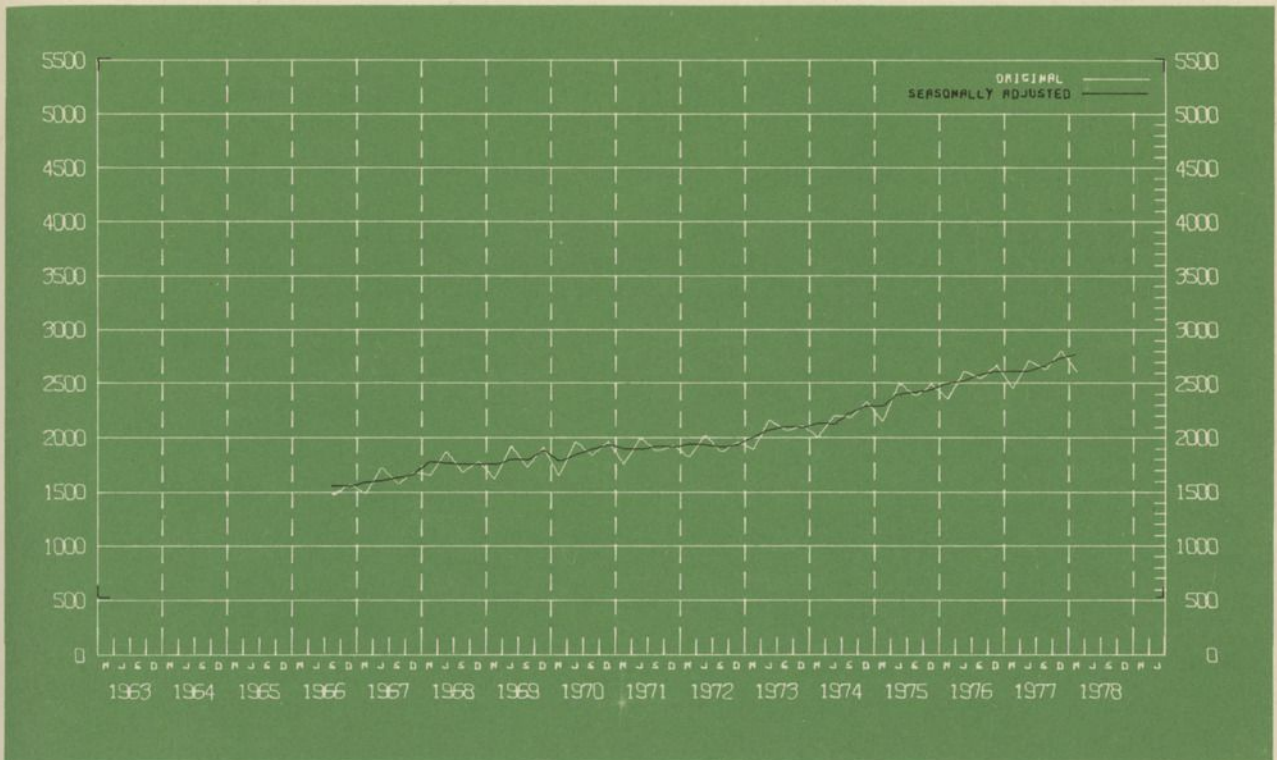
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1963	374	467	397	445
1964	418	528	460	525
1965	488	571	576	615
1966	539	647	635	679
1967	630	754	706	764
1968	750	824	779	859
1969	757	930	842	962
1970	823	1008	974	1071
1971	976	1163	1115	1209
1972	1128	1287	1240	1339
1973	1258	1573	1539	1701
1974	1617	1884	1998	2308
1975	2230	2614	2566	2882
1976	2702	3167	3162	3388
1977	3132	3567	3530	3861
1978	3590			

SEASONALLY ADJUSTED

1963	407	421	422	429
1964	455	480	484	507
1965	531	525	600	594
1966	586	600	655	655
1967	686	705	724	735
1968	819	772	797	826
1969	827	874	859	924
1970	898	948	993	1029
1971	1062	1099	1135	1163
1972	1223	1222	1259	1290
1973	1356	1502	1561	1639
1974	1737	1805	2026	2219
1975	2390	2515	2602	2765
1976	2893	3052	3208	3247
1977	3352	3443	3581	3696
1978	3841			

FINAL CONSUMPTION EXPENDITURE - GOVERNMENT  
AT AVERAGE 1974-75 PRICES

\$ MILLION



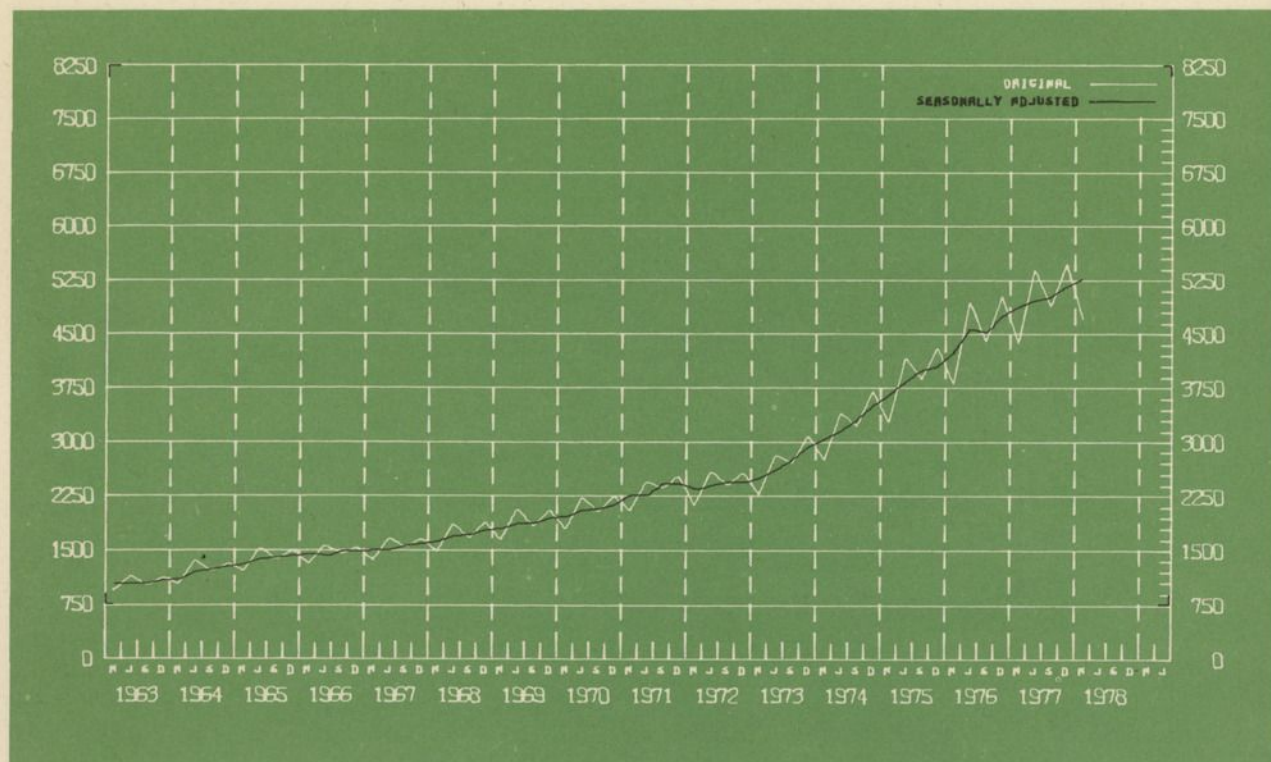
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
		ORIGINAL		
1966			1471	1566
1967	1474	1717	1565	1684
1968	1644	1865	1677	1782
1969	1614	1917	1721	1914
1970	1642	1958	1833	1960
1971	1750	1991	1871	1931
1972	1807	2015	1855	1958
1973	1877	2163	2056	2112
1974	1998	2204	2183	2329
1975	2141	2497	2379	2494
1976	2347	2613	2542	2666
1977	2450	2709	2622	2800
1978	2600			

SEASONALLY ADJUSTED

1966			1526	1531
1967	1582	1593	1616	1645
1968	1764	1737	1726	1742
1969	1729	1791	1768	1871
1970	1758	1834	1878	1917
1971	1869	1874	1910	1890
1972	1926	1905	1886	1920
1973	1993	2055	2085	2071
1974	2117	2102	2211	2280
1975	2266	2391	2408	2434
1976	2486	2508	2573	2595
1977	2597	2603	2654	2722
1978	2757			

GROSS FIXED CAPITAL EXPENDITURE - TOTAL  
AT CURRENT PRICES

\$ MILLION



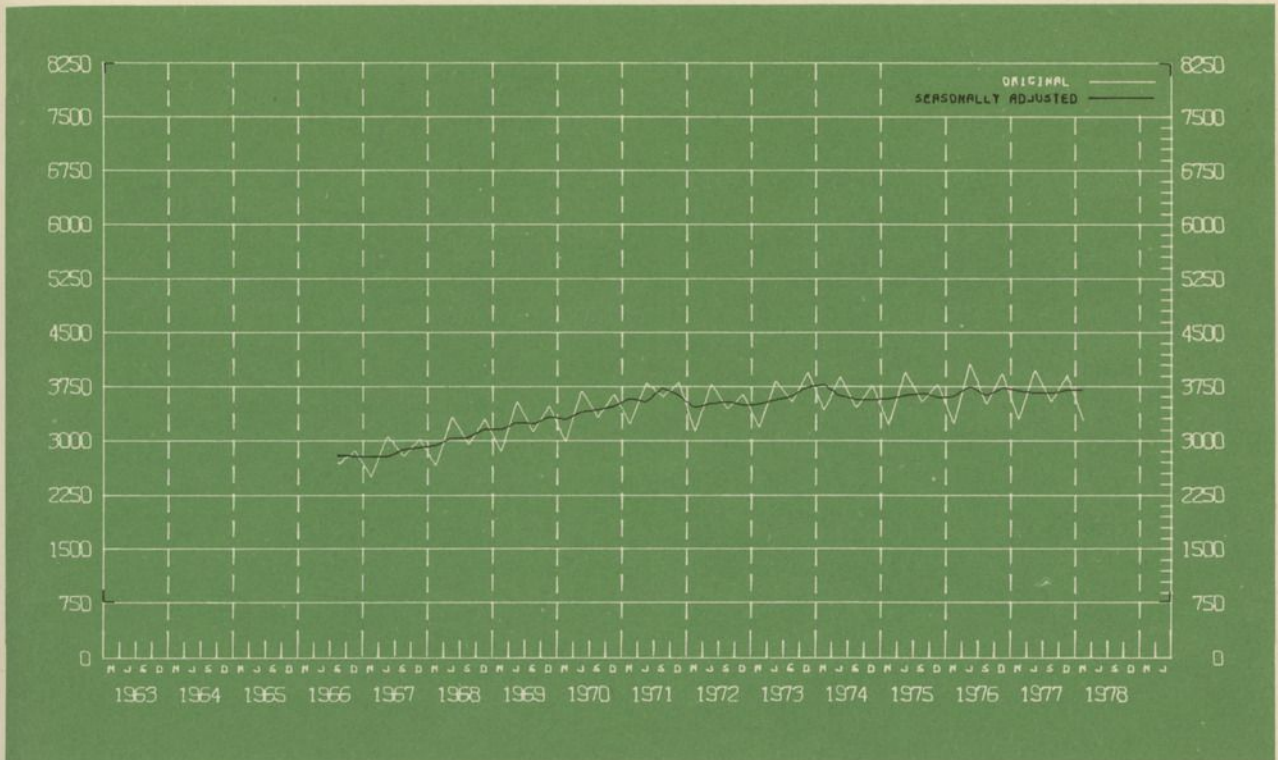
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1963	945	1139	1010	1127
1964	1017	1343	1193	1326
1965	1193	1534	1365	1495
1966	1308	1553	1443	1545
1967	1357	1663	1523	1672
1968	1469	1864	1666	1888
1969	1638	2064	1828	2060
1970	1786	2238	2027	2255
1971	2045	2439	2360	2540
1972	2108	2593	2396	2576
1973	2269	2814	2694	3088
1974	2748	3405	3217	3705
1975	3271	4163	3865	4299
1976	3789	4947	4377	5026
1977	4372	5393	4882	5475
1978	4692			

## SEASONALLY ADJUSTED

1963	1035	1029	1048	1101
1964	1117	1217	1239	1289
1965	1316	1395	1416	1443
1966	1453	1411	1498	1489
1967	1509	1517	1578	1605
1968	1634	1707	1724	1807
1969	1821	1896	1889	1970
1970	1981	2068	2092	2148
1971	2277	2262	2431	2418
1972	2341	2416	2462	2449
1973	2519	2624	2758	2933
1974	3059	3172	3312	3503
1975	3666	3840	4002	4061
1976	4248	4579	4510	4761
1977	4897	4974	5032	5181
1978	5280			

GROSS FIXED CAPITAL EXPENDITURE - TOTAL  
AT AVERAGE 1974-75 PRICES

\$ MILLION



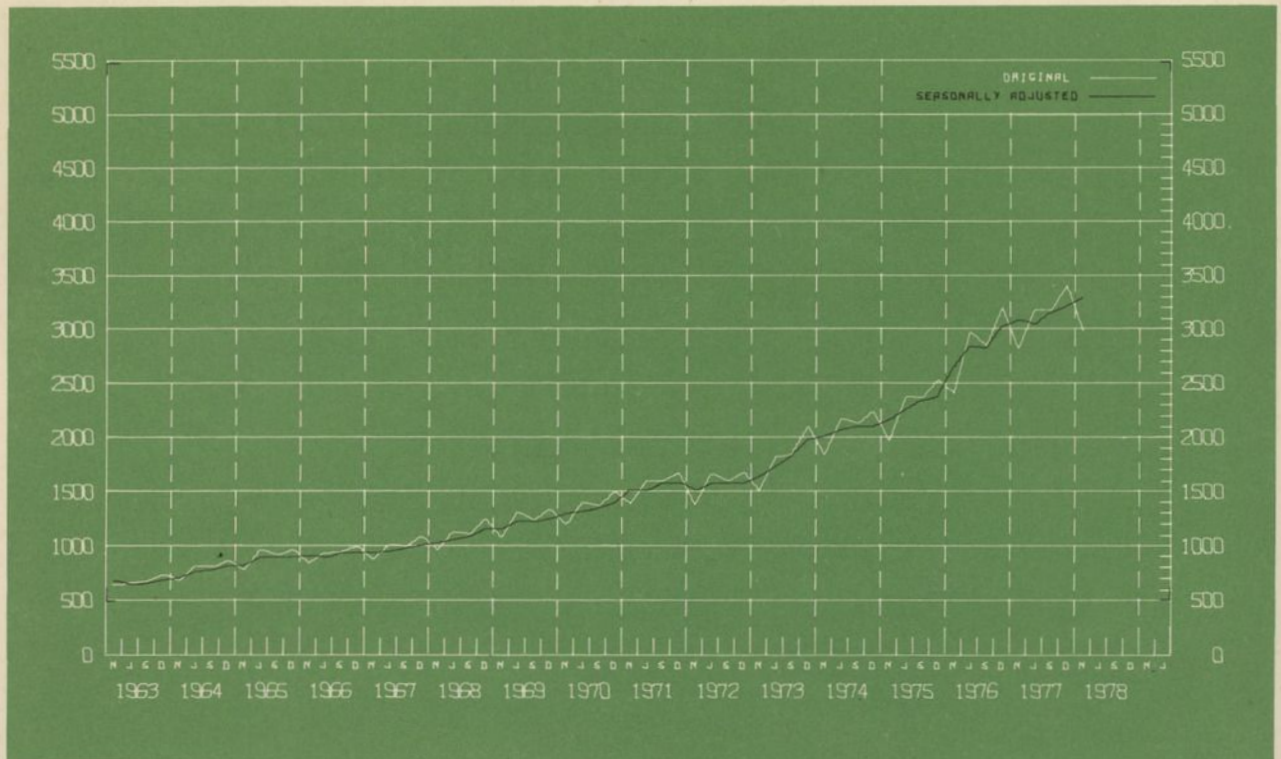
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
		ORIGINAL		
1966			2681	2853
1967	2490	3057	2780	3021
1968	2645	3325	2943	3300
1969	2832	3546	3119	3481
1970	2965	3688	3315	3646
1971	3222	3795	3605	3804
1972	3117	3782	3434	3646
1973	3170	3832	3522	3940
1974	3407	3888	3447	3763
1975	3203	3943	3535	3787
1976	3226	4063	3500	3927
1977	3283	3970	3530	3900
1978	3276			

## SEASONALLY ADJUSTED

1966			2792	2754
1967	2773	2776	2887	2903
1968	2942	3038	3051	3162
1969	3148	3256	3226	3330
1970	3287	3401	3428	3473
1971	3580	3519	3716	3623
1972	3455	3519	3533	3473
1973	3508	3572	3616	3745
1974	3786	3613	3555	3565
1975	3588	3627	3666	3589
1976	3610	3746	3610	3731
1977	3676	3648	3643	3704
1978	3685			

GROSS FIXED CAPITAL EXPENDITURE - PRIVATE  
AT CURRENT PRICES

\$ MILLION



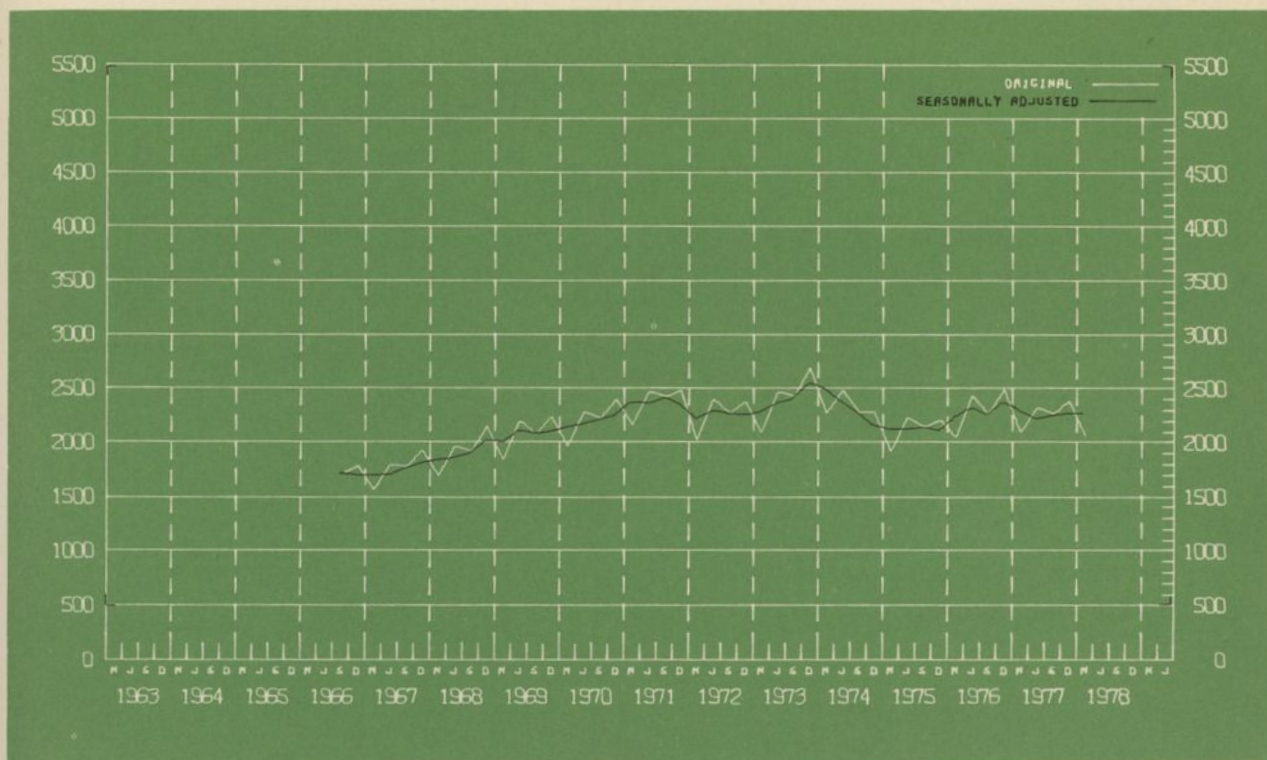
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1963	634	671	684	736
1964	669	824	797	870
1965	767	964	909	967
1966	840	941	946	1000
1967	872	1010	989	1092
1968	955	1126	1099	1250
1969	1071	1305	1231	1339
1970	1192	1398	1364	1501
1971	1379	1597	1596	1677
1972	1374	1662	1588	1684
1973	1498	1815	1852	2102
1974	1830	2170	2119	2242
1975	1962	2371	2357	2527
1976	2403	2967	2835	3197
1977	2805	3177	3166	3403
1978	2983			

SEASONALLY ADJUSTED

1963	686	645	684	710
1964	725	788	800	835
1965	837	921	915	919
1966	925	898	955	949
1967	963	965	999	1032
1968	1054	1077	1109	1181
1969	1182	1249	1239	1266
1970	1315	1340	1372	1416
1971	1533	1530	1602	1585
1972	1524	1597	1587	1597
1973	1657	1746	1846	1996
1974	2026	2086	2118	2119
1975	2184	2272	2358	2394
1976	2655	2851	2830	3040
1977	3097	3051	3167	3227
1978	3308			

GROSS FIXED CAPITAL EXPENDITURE - PRIVATE  
AT AVERAGE 1974-75 PRICES

\$ MILLION



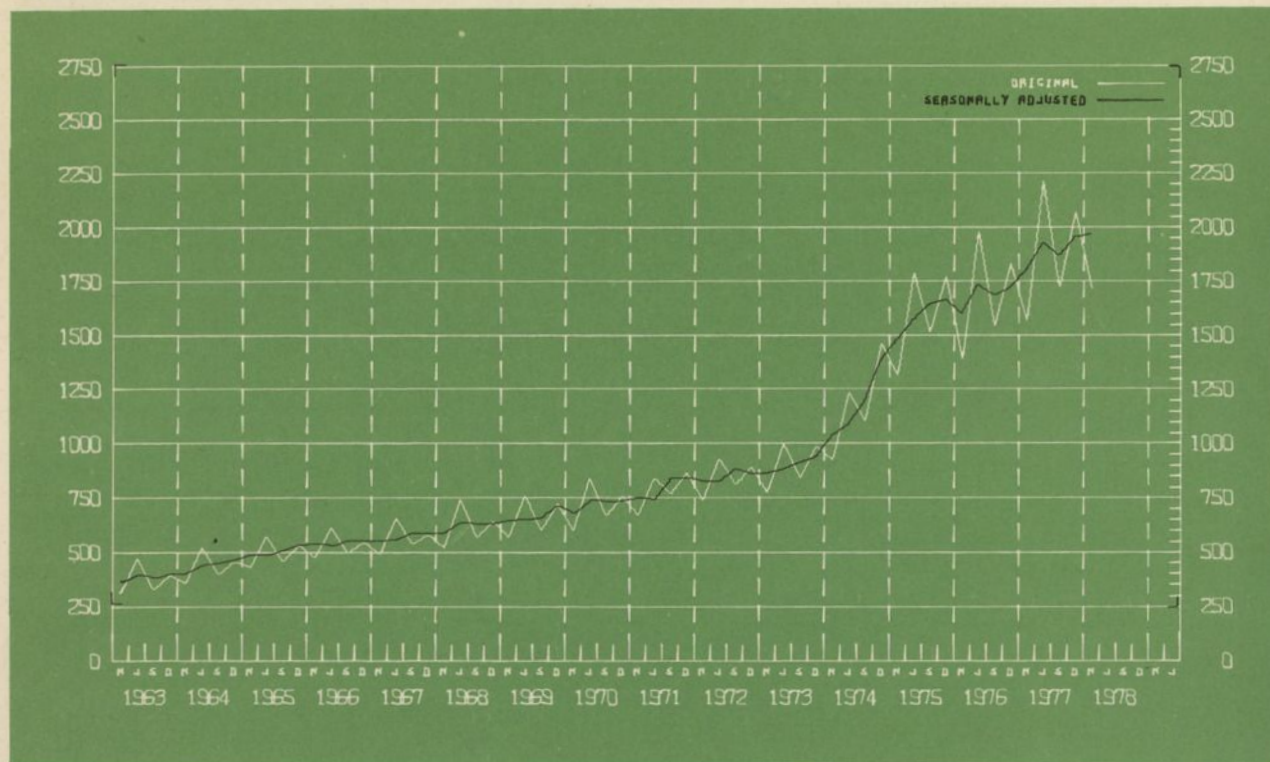
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
		ORIGINAL		
1966			1708	1790
1967	1555	1794	1765	1929
1968	1690	1962	1906	2148
1969	1828	2204	2079	2241
1970	1961	2283	2215	2404
1971	2162	2467	2424	2492
1972	2017	2403	2270	2375
1973	2093	2472	2422	2688
1974	2269	2484	2277	2271
1975	1914	2232	2141	2213
1976	2038	2429	2261	2487
1977	2088	2317	2262	2389
1978	2061			

## SEASONALLY ADJUSTED

1966			1723	1702
1967	1713	1717	1779	1826
1968	1861	1882	1921	2032
1969	2012	2118	2091	2121
1970	2157	2194	2227	2270
1971	2393	2368	2434	2360
1972	2225	2313	2269	2260
1973	2300	2379	2419	2558
1974	2501	2382	2281	2155
1975	2120	2134	2145	2107
1976	2244	2327	2258	2376
1977	2299	2218	2262	2278
1978	2280			

GROSS FIXED CAPITAL EXPENDITURE - PUBLIC  
AT CURRENT PRICES

\$ MILLION



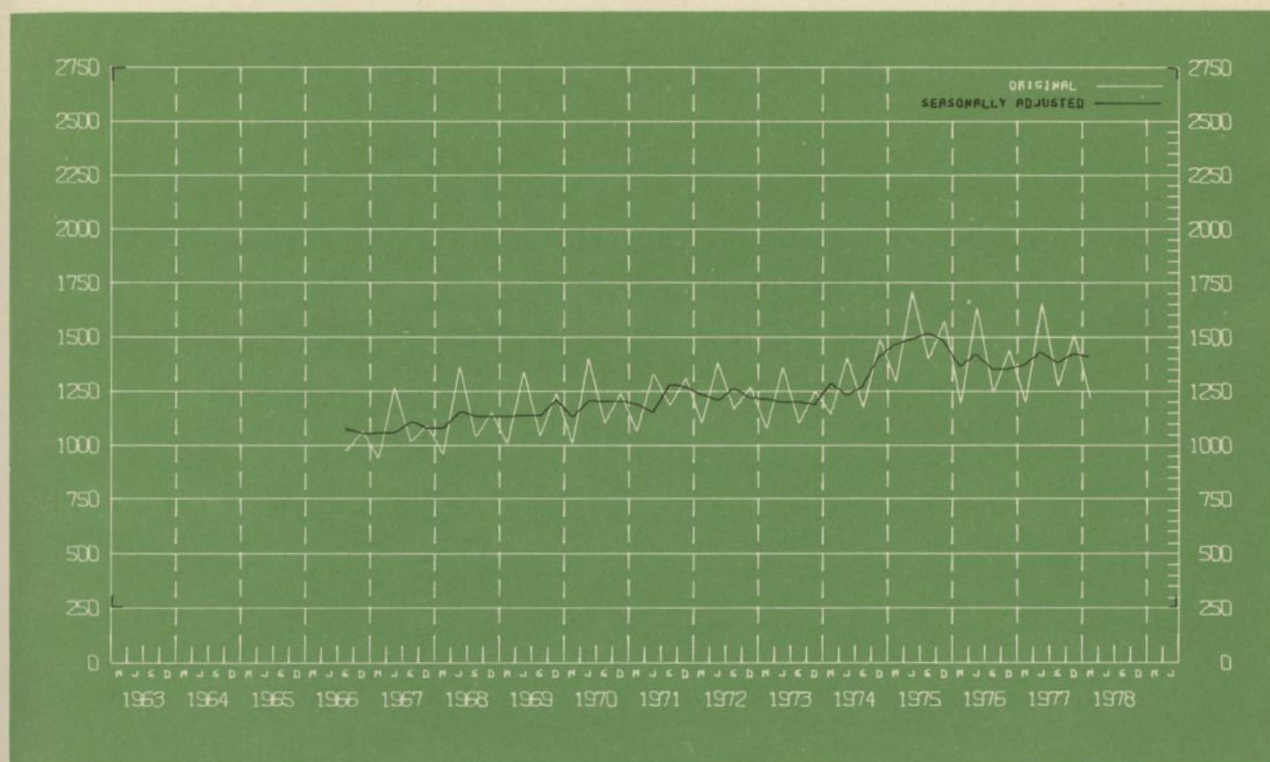
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1963	311	468	326	391
1964	348	519	396	456
1965	426	570	456	528
1966	468	612	497	545
1967	485	653	534	580
1968	514	738	567	638
1969	567	759	597	721
1970	594	840	663	754
1971	666	842	764	863
1972	734	931	808	892
1973	771	999	842	986
1974	918	1235	1098	1463
1975	1309	1792	1508	1772
1976	1386	1980	1542	1829
1977	1567	2216	1716	2072
1978	1709			

## SEASONALLY ADJUSTED

1963	349	384	364	391
1964	392	429	439	454
1965	479	474	501	524
1966	528	513	543	540
1967	546	552	579	573
1968	580	630	615	626
1969	639	647	650	704
1970	666	728	720	732
1971	744	732	829	833
1972	817	819	875	852
1973	862	878	912	937
1974	1033	1086	1194	1384
1975	1482	1568	1644	1667
1976	1593	1728	1680	1721
1977	1800	1923	1865	1954
1978	1972			

GROSS FIXED CAPITAL EXPENDITURE - PUBLIC  
AT AVERAGE 1974-75 PRICES

\$ MILLION



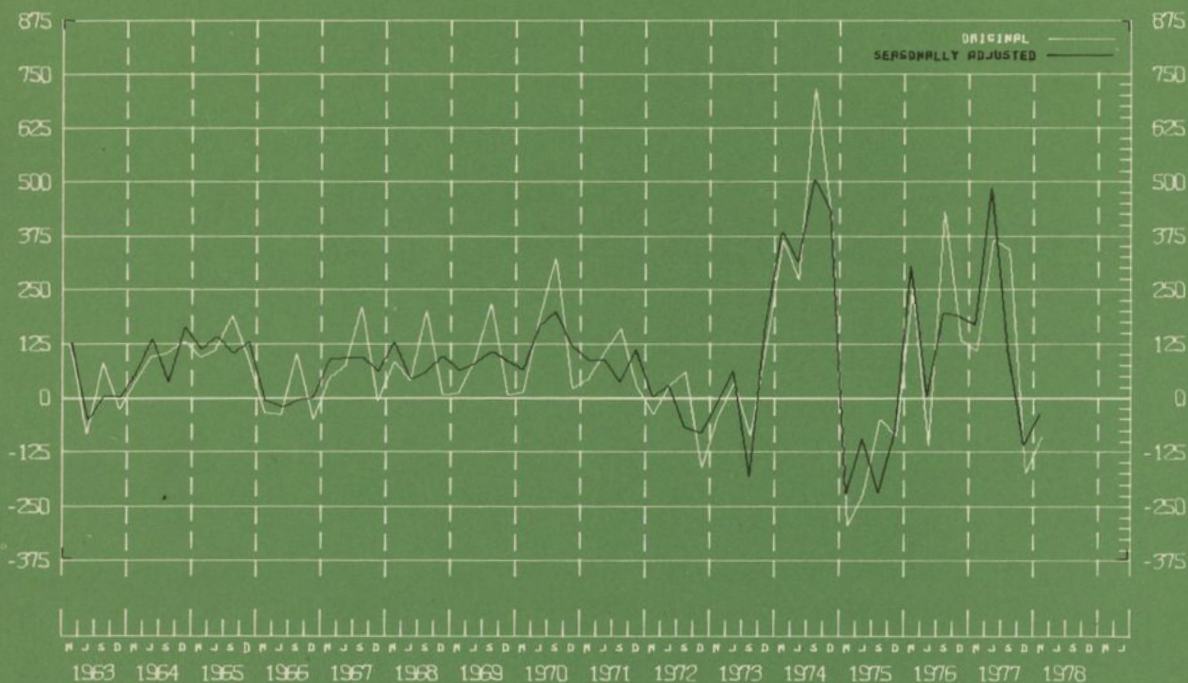
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
		ORIGINAL		
1966			973	1063
1967	935	1263	1015	1092
1968	955	1363	1037	1152
1969	1004	1342	1040	1240
1970	1004	1405	1100	1242
1971	1060	1328	1181	1312
1972	1100	1379	1164	1271
1973	1077	1360	1100	1252
1974	1138	1404	1170	1492
1975	1289	1711	1394	1574
1976	1188	1634	1239	1440
1977	1195	1653	1268	1511
1978	1215			

## SEASONALLY ADJUSTED

1966			1069	1052
1967	1060	1059	1108	1077
1968	1081	1156	1130	1130
1969	1136	1138	1135	1209
1970	1130	1207	1201	1203
1971	1187	1151	1282	1263
1972	1230	1206	1264	1213
1973	1208	1193	1197	1187
1974	1285	1231	1274	1410
1975	1468	1493	1521	1482
1976	1366	1419	1352	1355
1977	1377	1430	1381	1426
1978	1405			

INCREASE IN STOCKS - PRIVATE NON-FARM  
AT CURRENT PRICES

\$ MILLION



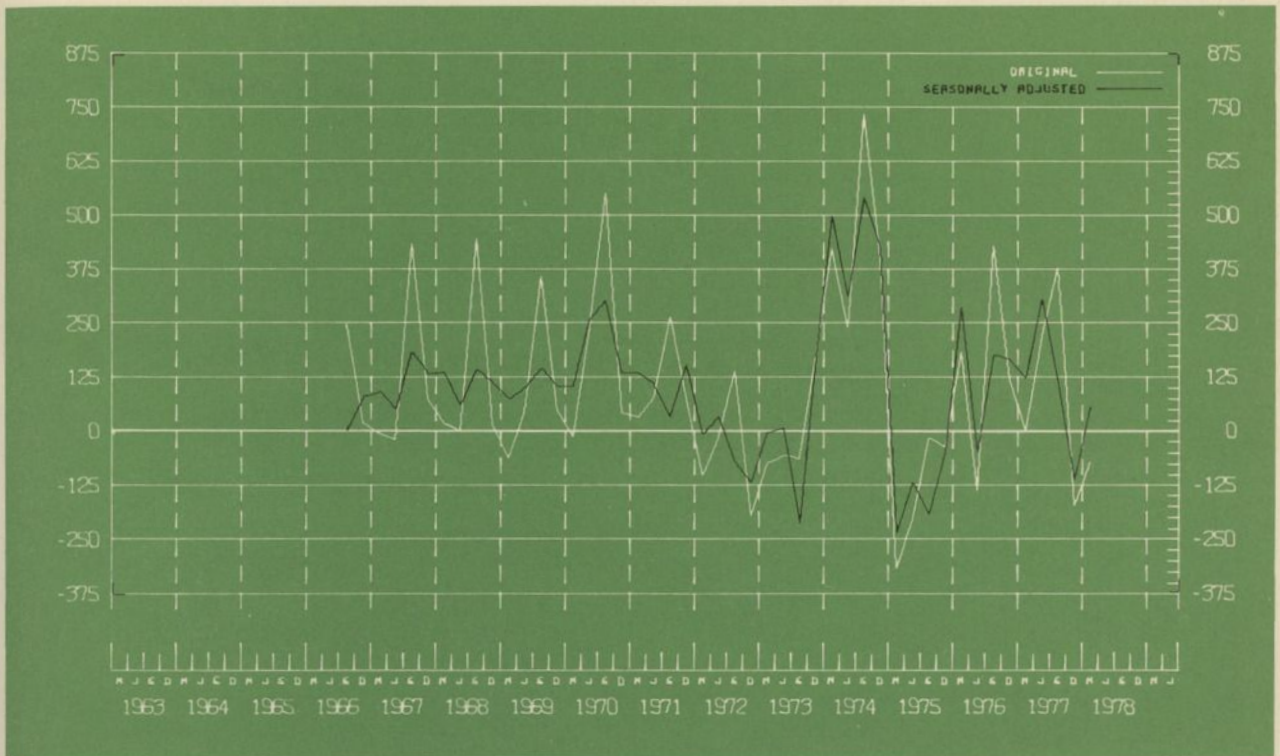
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1963	121	-87	81	-31
1964	38	96	106	130
1965	92	113	190	84
1966	-37	-43	103	-53
1967	46	76	210	-9
1968	82	37	201	4
1969	12	87	217	4
1970	16	188	322	19
1971	45	105	159	23
1972	-41	27	59	-165
1973	-46	36	-89	125
1974	366	271	717	409
1975	-298	-219	-49	-91
1976	249	-112	429	131
1977	105	364	341	-177
1978	-90			

## SEASONALLY ADJUSTED

1963	122	-56	3	-3
1964	56	135	32	159
1965	111	141	101	128
1966	-9	-24	-5	-1
1967	87	92	92	57
1968	127	39	61	94
1969	61	79	106	83
1970	60	165	197	117
1971	85	88	33	111
1972	-1	27	-73	-84
1973	-14	62	-185	170
1974	384	310	506	431
1975	-226	-96	-222	-85
1976	304	0	194	185
1977	166	484	111	-112
1978	-38			

INCREASE IN STOCKS - PRIVATE NON-FARM  
AT AVERAGE 1974-75 PRICES

\$ MILLION



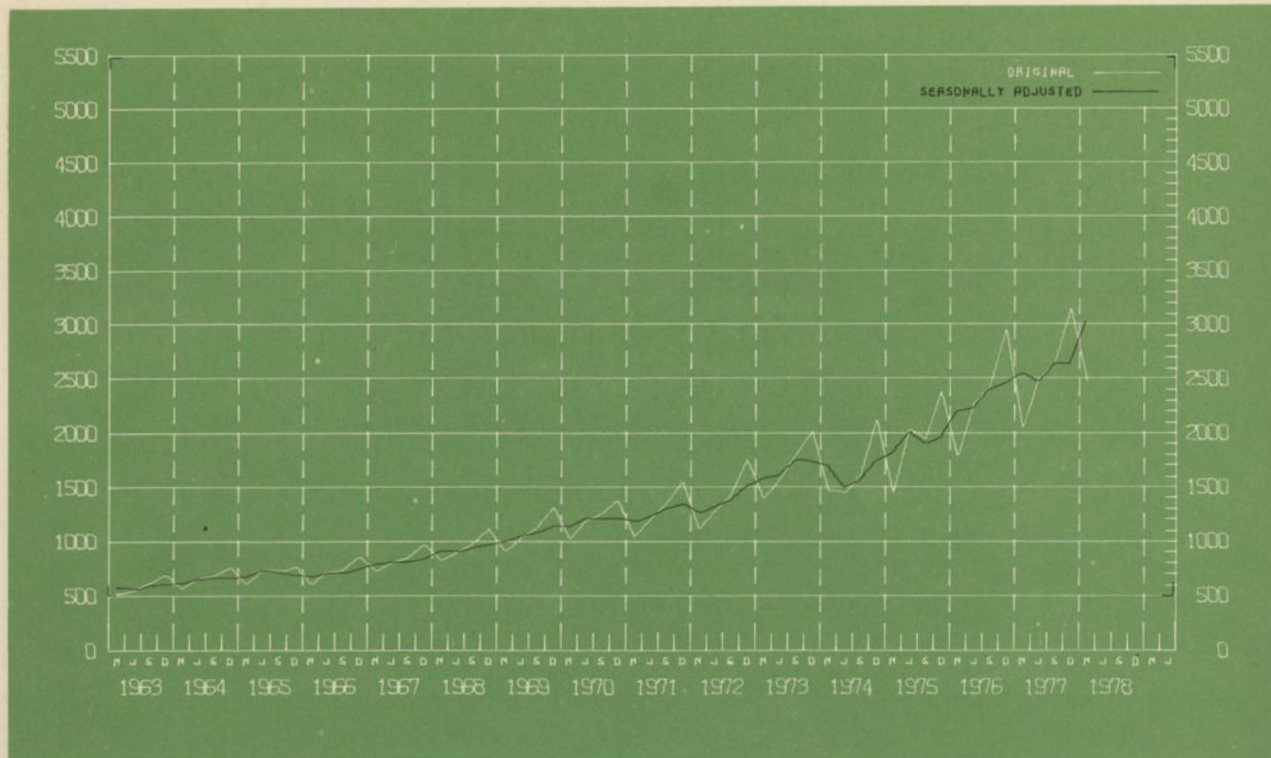
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1966			244	18
1967	-8	-22	435	72
1968	18	-2	448	14
1969	-64	46	359	48
1970	-15	239	553	39
1971	30	78	265	72
1972	-104	-16	141	-198
1973	-76	-54	-67	174
1974	423	238	735	397
1975	-319	-204	-14	-40
1976	184	-139	430	117
1977	0	217	379	-174
1978	-71			

SEASONALLY ADJUSTED

1966			4	83
1967	96	52	185	135
1968	141	61	146	112
1969	75	102	148	104
1970	102	260	305	136
1971	135	111	32	154
1972	-8	34	-73	-121
1973	-2	10	-216	172
1974	499	311	543	424
1975	-237	-117	-195	-51
1976	287	-52	174	163
1977	120	307	110	-115
1978	54			

GROSS OPERATING SURPLUS - TRADING ENTERPRISES  
COMPANIES

\$ MILLION



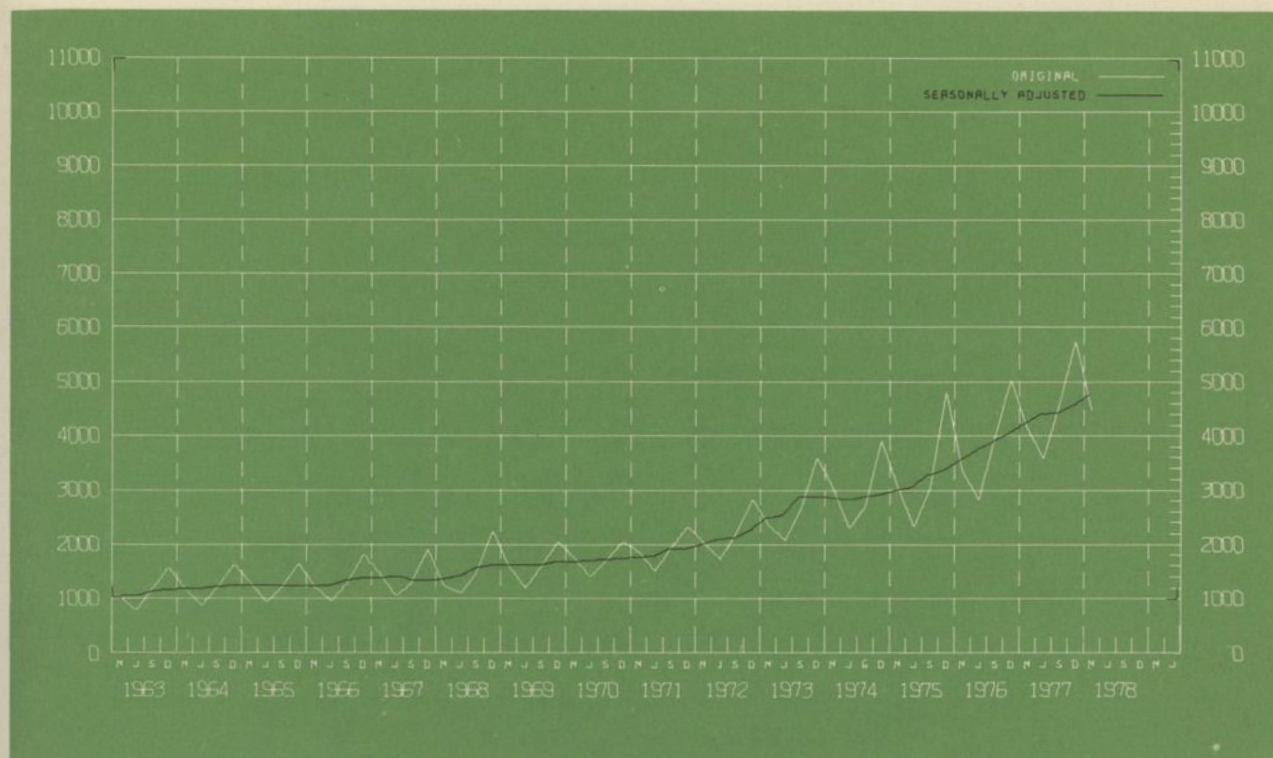
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1963	511	547	621	685
1964	556	662	689	758
1965	599	739	724	772
1966	601	719	736	863
1967	718	809	846	967
1968	820	898	976	1114
1969	901	1034	1127	1307
1970	1024	1187	1263	1381
1971	1044	1195	1349	1548
1972	1106	1284	1427	1753
1973	1392	1565	1802	2008
1974	1464	1439	1610	2119
1975	1444	2030	1925	2381
1976	1766	2269	2431	2960
1977	2030	2499	2654	3150
1978	2471			

## SEASONALLY ADJUSTED

1963	578	556	609	616
1964	631	670	676	681
1965	686	748	710	693
1966	684	730	722	772
1967	814	825	830	863
1968	926	923	955	994
1969	1020	1070	1099	1162
1970	1164	1233	1231	1223
1971	1194	1246	1315	1360
1972	1268	1340	1396	1528
1973	1603	1633	1773	1737
1974	1697	1512	1590	1755
1975	1840	2018	1913	1975
1976	2218	2253	2423	2480
1977	2568	2479	2650	2661
1978	3046			

GROSS OPERATING SURPLUS - TRADING ENTERPRISES  
OTHER

\$ MILLION



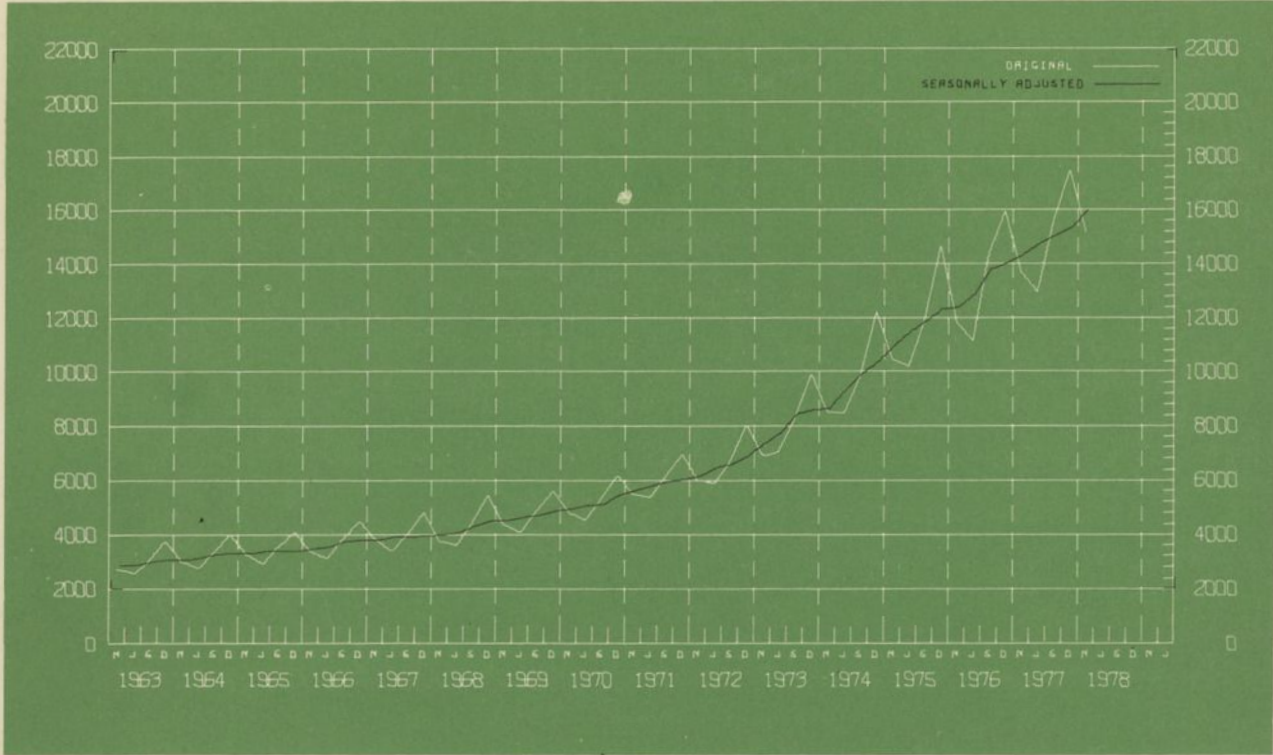
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1963	1004	756	1181	1561
1964	1157	861	1208	1628
1965	1278	915	1211	1630
1966	1190	931	1287	1808
1967	1462	1047	1287	1909
1968	1205	1084	1481	2246
1969	1572	1186	1607	2046
1970	1731	1391	1702	2046
1971	1837	1499	1944	2325
1972	2015	1720	2193	2818
1973	2334	2068	2649	3573
1974	3019	2278	2704	3892
1975	3033	2299	3049	4793
1976	3325	2806	3954	5028
1977	4126	3556	4574	5749
1978	4442			

## SEASONALLY ADJUSTED

1963	1047	1068	1150	1186
1964	1199	1196	1236	1264
1965	1248	1255	1221	1233
1966	1240	1254	1365	1398
1967	1406	1417	1329	1347
1968	1381	1436	1581	1636
1969	1630	1630	1631	1694
1970	1696	1728	1730	1751
1971	1788	1803	1936	1930
1972	2010	2110	2133	2275
1973	2509	2554	2874	2891
1974	2832	2827	2898	2941
1975	3019	3084	3298	3405
1976	3576	3760	3922	4081
1977	4259	4431	4455	4607
1978	4793			

HOUSEHOLD DISPOSABLE INCOME

\$ MILLION



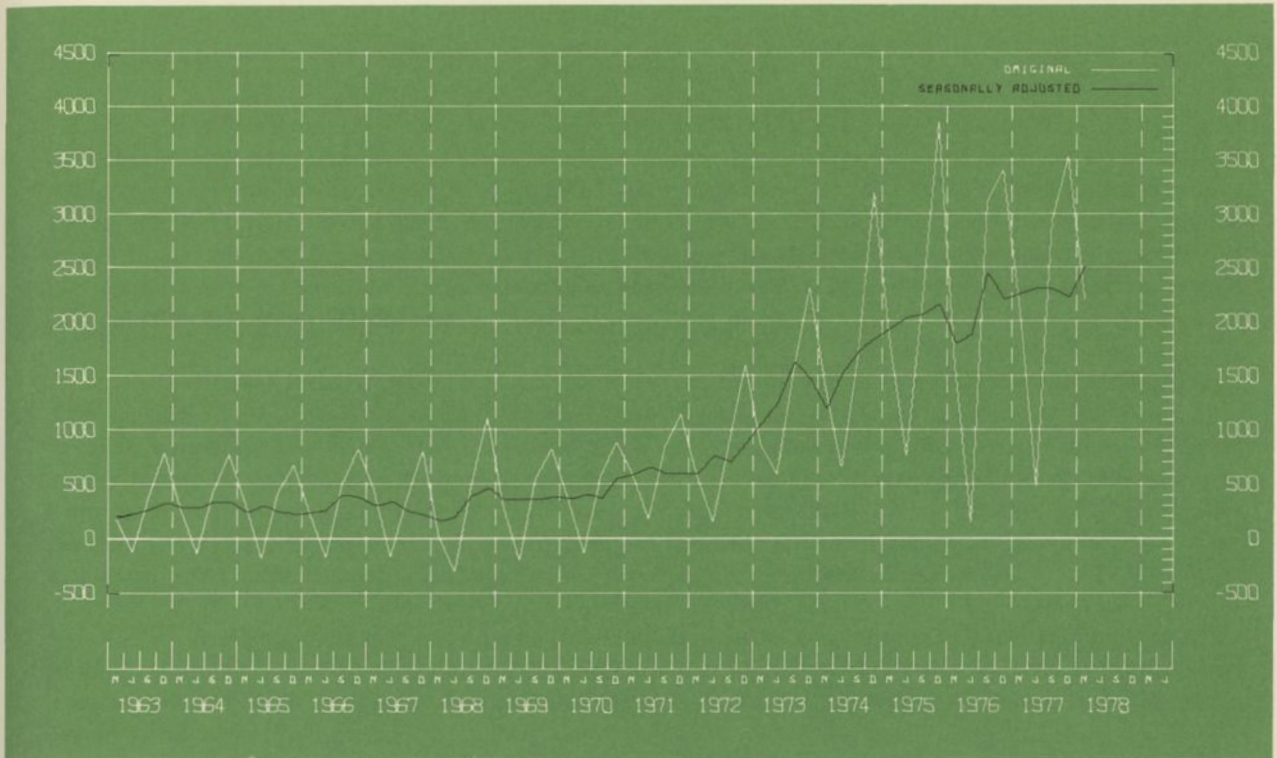
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1963	2675	2502	3076	3741
1964	2951	2719	3345	3988
1965	3226	2894	3543	4090
1966	3318	3080	3837	4495
1967	3801	3378	4004	4812
1968	3725	3555	4395	5435
1969	4307	4028	4869	5618
1970	4785	4498	5304	6159
1971	5438	5308	6171	6945
1972	5942	5847	6730	8033
1973	6874	7084	8319	9913
1974	8468	8422	9852	12243
1975	10400	10178	11925	14665
1976	11752	11133	14403	15960
1977	13644	12912	15639	17478
1978	15109			

SEASONALLY ADJUSTED

1963	2838	2918	3030	3127
1964	3091	3185	3313	3360
1965	3311	3431	3418	3427
1966	3505	3588	3806	3827
1967	3843	3953	3949	3992
1968	4022	4138	4371	4553
1969	4555	4663	4748	4916
1970	4984	5114	5170	5536
1971	5686	5859	5984	6071
1972	6198	6516	6622	6964
1973	7389	7813	8482	8633
1974	8666	9356	9975	10417
1975	10982	11522	11916	12378
1976	12425	12928	13851	14074
1977	14391	14805	15127	15404
1978	16038			

## HOUSEHOLD SAVING

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1963	161	-143	364	786
1964	259	-149	423	770
1965	307	-190	406	675
1966	224	-195	492	818
1967	426	-180	351	796
1968	14	-323	480	1107
1969	282	-215	552	824
1970	364	-149	555	884
1971	583	166	834	1140
1972	565	145	868	1600
1973	844	576	1541	2323
1974	1355	639	1690	3197
1975	1782	745	2218	3856
1976	1574	136	3122	3411
1977	2085	466	2949	3533
1978	2205			

## SEASONALLY ADJUSTED

1963	206	252	286	346
1964	286	292	356	346
1965	245	321	248	226
1966	260	283	423	377
1967	312	356	256	218
1968	170	220	410	477
1969	360	375	370	403
1970	371	419	369	574
1971	613	667	600	600
1972	613	766	711	889
1973	1084	1267	1641	1470
1974	1199	1539	1738	1855
1975	1963	2061	2089	2180
1976	1809	1896	2459	2219
1977	2276	2326	2311	2225
1978	2526			



## APPENDIX A

## NOTES ON SEASONAL ADJUSTMENT METHODS

## INTRODUCTION

It is often useful and sometimes necessary in interpreting quarterly and monthly statistical series to recognise and take account of the element of variation due to what are commonly known as seasonal influences. As a supplement to personal judgement, statistical techniques can be used to evaluate the effects of normal seasonal influences operating on a series. This kind of evaluation does not call for subjective judgment except in the choice of the appropriate statistical techniques. The techniques are called seasonal analysis, and they are designed to enable the series to be seasonally adjusted, that is, to have the estimated effects of normal seasonal influences removed from them.

2. Normal seasonal influences on statistical series are those influences that tend to recur regularly once or more a year. Not all statistical series are affected by seasonal influences in a manner regular enough to be called 'normal'; if they are not they cannot usefully be seasonally adjusted. Those that are seasonally affected usually reflect the influence of the seasons themselves, either directly or through production series related to them (such as farm production), or social conventions (such as the incidence of holidays) or administrative practices (such as the timing of tax payments). Many of them also reflect differences in the composition of the months, in terms of the number of trading days and the accounting practices adopted.

3. It is important that users have a clear understanding of what has been removed from the series by seasonal adjustment, and the limitations to which the seasonally adjusted series are subject. It is hoped that these introductory notes will help to achieve this object. A more detailed description was given in *Seasonally Adjusted Indicators* 1967.

## BASIC PROCESSES OF SEASONAL ADJUSTMENT, SIMPLE METHODS

4. The basic concepts underlying the seasonal adjustment methods employed by this Bureau are best explained by reference to the simpler methods in use before the introduction of computers. These illustrate basic processes common to most seasonal adjustment methods.

5. Most series are seasonally adjusted by dividing the original figures by factors which represent in ratio form the effects of normal seasonal influences on the various months in that series. Such adjustment is called *multiplicative*. Less common is *additive* adjustment, in which estimated seasonal *differences* are deducted from the original series.

6. In estimating seasonal adjustments, it is first necessary to calculate *trend* values for each month (or quarter) in the series. The simplest estimate of trend is the centred twelve-month moving average of the original series. A twelve-month moving average of the original series is another series, each term of which is the average of twelve consecutive monthly figures in the original series. The centre of this moving average would fall between the sixth and seventh month. To make it coincide with a particular month, the average is then taken of all pairs of consecutive months in the moving average series itself. This second moving average is called a centred twelve-month moving average, and is equivalent to a 2 x 12-term moving average, that is, a two-term moving average of a twelve-term moving average. The corresponding simple estimate of trend for a quarterly series is obtained by a 2 x 4-term moving average.

7. A set of ratios (larger or smaller than one) or differences (plus or minus) may be obtained by dividing the original series by the trend figures, or by subtracting the trend figures from the original figures. The ratios or differences so obtained are known as *seasonal-irregular* ratios or differences and are considered to include both normal seasonal influences and other, irregular, effects peculiar to the month or quarter in question. The effect of normal *seasonal* influences for each of the twelve months of the year is estimated as an average of the seasonal-irregular ratios or differences for that month of successive years. The average ratios or differences are referred to as seasonal factors or seasonal differences. They may be used to adjust the original series for the normal seasonal movement of which they are estimates, thereby giving a seasonally adjusted series.

## APPENDIX A — continued

## SEASONALLY ADJUSTED FIGURES AS COMBINATION OF TREND AND IRREGULAR COMPONENTS

8. These simple methods reflect the assumption underlying most seasonal adjustment methods, namely, that the original series can be represented by three components: *trend*, *seasonal* and *irregular*. Removing the trend (either by division or subtraction) leaves the seasonal-irregulars. The seasonal (for each month or quarter of the year) is derived from these by averaging them, in order to 'cancel out' irregulars. The irregular can be isolated in turn by removing both the trend and the seasonal from the original figure. It is to be noted that the existence of a seasonal as a component of a figure in a statistical series is merely an assumption. The 'true' seasonal, if it exists, is not known, and the methods available only enable it to be estimated. Similarly, the trend is only the estimated trend, as the 'true' trend is not known. The irregular depends entirely on the value of the estimates of seasonal and trend.

9. The most important inference to be drawn is that seasonally adjusted series reflect irregulars as well as trend. Therefore, they may not be the 'smooth' series the user may expect, and they can be used only approximately as measures of trend. An apparent change of direction from one month to another may have been due to the irregular component, not to a change of trend, and the series may resume its former movement the following month. Therefore, to determine whether a given change of direction in a seasonally adjusted series is a 'downturn' or an 'upturn' in the trend, requires judgment on the part of the user, which must be based largely on the extent to which the adjusted series has shown irregular movements in the past.

10. It may be noted in passing that a particular kind of irregular movement occurs if there is a temporary change in seasonal influence. For example, unemployment may increase each year as the fruit-picking season ends, but the season may end a month early in one year. The resulting rise in unemployment may, therefore, not be offset by seasonal adjustment until the following month, when unemployment would be expected to increase according to the normal seasonal pattern. Therefore, the seasonally adjusted figures will show an irregular increase, followed by an irregular decrease a month later.

## CENSUS METHOD II, X-11 VARIANT

11. This Bureau has adopted for its standard methods of seasonal adjustment, the X-11 Variant of the Census Method II Seasonal Adjustment Program and its companion quarterly program X-11Q. Some minor changes have been made to the basic programs in the Australian Bureau of Statistics, and they have been extended to meet specific Australian requirements and to facilitate automatic presentation of results in the format preferred by this Bureau. No more than a general outline of the features of these programs is offered in this note. For further details, reference should be made to *The X-11 Variant of the Census Method II Seasonal Adjustment Program*, Technical Paper No. 15, United States Department of Commerce, Bureau of the Census, February 1967.

## FEATURES OF THE X-11 PROGRAMS

12. These programs are essentially elaborations of the classical ratio-to-moving-average methods of seasonal adjustment, incorporating features specifically designed to overcome short-comings of simpler methods.

13. The more important features of the monthly X-11 program may be summarised as follows.

(a) It provides for additive as well as multiplicative adjustment (i.e. difference-from-trend as well as ratio-to-trend).

(b) It yields improved trend estimates by applying an appropriate moving average (chosen automatically from three alternatives of different lengths and weights) to preliminary seasonally adjusted values, thereby reducing the effects of any residual trend on estimates of seasonal and irregular components. Trend estimates are made for each month of the series and thus permit estimates of seasonal-irregulars over the entire series (including the first and last six months).

APPENDIX A — *continued*

- (c) It identifies and discounts the effects of extreme values in estimating seasonals and trend values.
- (d) It allows for gradual changes of seasonal pattern from year to year, estimating seasonals for each period as an appropriate weighted moving average of seasonal-irregulars for months of the same name. Four alternative weighted moving averages are provided, for series of differing degrees of irregularity.
- (e) It estimates forward factors for the twelve months after the latest figure of the series, thus enabling adjustment of additional figures for up to a year without re-analysis.
- (f) It provides for 'trading-day' adjustments and for the estimation of such adjustments from the series itself.
- (g) It allows for optional prior adjustment of the series before analysis, to permit adjustment for influences not otherwise provided for. This facility can be used, among other things, to adjust for the changing effects of holidays such as Easter which may differently affect months in successive years.
- (h) It provides as an option a further procedure designed to prevent the seasonal adjustment from being distorted by the effects of any severe industrial disputes or other major irregular occurrences.
- (i) It provides a range of summary measures which can be useful in selecting from among the various options available for the analysis and adjustment of the series and in interpreting movements in the adjusted series.

14. The companion X-11Q program used for quarterly series is similar in its features but does not provide for the estimation of trading-day adjustments, or for alternative types of weighted moving averages in the estimation of seasonal factors and trend.

15. The programs proceed by iteration. The series is firstly adjusted by any prior adjustments or preliminary trading-day adjustments. The initial centred twelve-month or four-quarter moving average is used to derive provisional seasonal factors and a provisional seasonally adjusted series. This series is then subjected to trend-fitting; seasonal factors are re-estimated; a new seasonally adjusted series is obtained and the trend is removed to obtain irregulars; if required, residual trading-day variation is estimated and removed from the irregulars; extreme irregulars are identified and modified; and the process is repeated with trend being re-estimated from a modified original series. Because seasonal, trend and irregular are complementary parts of a whole, any improvement effected by the process of iteration in the estimate of one part improves the others.

## SUMMARY OF X-11 PROGRAM OPTIONS

16. A wide variety of seasonal adjustment procedures is permitted by either program. This is to suit the widely differing characteristics of series with regard to the magnitude of the trend, seasonal and irregular components of variation and some spasmodic influences which may affect series. The following is a brief account of the available program options and the way in which they are applied.

- (a) **Additive or multiplicative adjustment.** For economic series which have only positive values, seasonal variations usually tend to be proportional to trend. Therefore, the multiplicative method is usually the more appropriate. Additive adjustment is likely to be appropriate if a series can take both positive and negative values.
- (b) **Variable trend-cycle curve routine.** The program provides as optional alternatives 9-, 13-, or 23-term (Henderson) weighted moving averages of the initially estimated seasonally adjusted series for purposes of trend estimation. The appropriate weighted moving average may either be selected automatically by the computer or be specified independently. If the

APPENDIX A — *continued*

irregular variation tends to be high in relation to the variation in trend, a long moving average is indicated to smooth out the effects of the irregulars. If it tends to be low, a short moving average is indicated, to fit the trend more closely to the curves of the data. The X-11Q program provides only a 5-term weighted moving average.

- (c) **Seasonal factor curve routine.** The X-11 program provides as optional alternatives for estimating seasonal factors 3-, 3 x 3-, 3 x 5-, or 3 x 9-term weighted moving averages or a simple average covering all years of the series. Unless otherwise specified, the program employs as standard a 3 x 5-term weighted moving average, but any of the alternatives may be employed for estimating seasonal factors for any named month. (For series in this bulletin the standard 3 x 5-term moving average has been used, except for some series having irregular variation which is relatively high in relation to the estimated year-to-year change in seasonal factors. For these series the 3 x 9-term moving average has been used for all months). The X-11Q program provides only a 3 x 5-term weighted moving average.
- (d) **Graduated treatment of extremes.** Both programs contain a statistical procedure whereby unusually large or small values are objectively identified and discounted for purposes of calculating seasonal factors and trend values, thus preventing the estimated seasonal factors from being unduly affected by purely irregular influences. Preliminary estimates of the irregular component are tested for extremeness by comparison with their average value and their standard deviation. Values larger or smaller than the average by more than 2.5 standard deviations are regarded as extreme and are given zero weight. Values within 1.5 standard deviations of the average are regarded as normal and receive full (unit) weight. Values between these limits receive a proportionate intermediate weight. Alternative limits may optionally be specified.
- (e) **Trading-day adjustment.** Specific provision for trading-day adjustment exists in the X-11 (monthly) program but not in the X-11Q (quarterly) program. Monthly trading-day adjustments are calculated by the X-11 program from 7 daily weights (one for each day of the week, some of which may be zero) combined according to the number of times each day of the week occurs in the particular calendar month. Allowance for the varying lengths of calendar months may be included in either the trading-day adjustments or the seasonal factors. The trading-day weights may be supplied independently from previous or external information to effect the trading-day adjustment prior to seasonal analysis by the X-11 program. Alternatively, use may be made of the X-11 trading-day regression which derives a set of trading-day weights by relating the pattern of fluctuation in the estimated irregular component to the pattern of changing combinations of days of the week in the calendar months. The regression procedure may be used in conjunction with a prior trading-day adjustment to test for residual trading-day variation or alternatively to obtain improved estimates by combination of the prior weights and the residual regression estimates. Further options provide for the calculation and/or application of regression estimates of trading-day variation either to the whole series or the part of the series following a specified year; and variation of limits for identifying extremes which are excluded for purposes of the trading-day regression. Trading-day adjustments made to series in this bulletin are largely based on regression estimates obtained in special analyses by the X-11 program made beforehand.
- (f) **Adjustment for severe industrial disputes or other major irregular occurrences.** By the application of this option, the figures for months or quarters affected by an industrial dispute are replaced in the calculation of trend by substitutes more in line with preceding and subsequent figures. The seasonal-irregulars for the period are then more clearly identified and discounted as extreme, while the effects of the industrial dispute are fully reflected in the seasonally adjusted series. Care must be exercised in using this option which may also affect estimation for periods of marked trend change. No use has been made of this option in the adjustment of series included in this bulletin.

## APPENDIX A – continued

(g) **Prior adjustment.** Prior to seasonal analysis, an adjustment may be made to any one or more of the figures in a series to yield a prior adjusted series. Seasonal factors for the prior adjusted series are then estimated and are used, either by themselves or combined with the appropriate prior adjustment factors, to seasonally adjust the original series. This technique is used mainly to effect calendar adjustments *other than* for monthly or quarterly patterns, for which both the X-11 and X-11Q programs provide, and weekly trading-day patterns in monthly series for which the X-11 program provides. Calendar effects, where measurable, are estimated by regression methods on the basis of the series' past behaviour. These measures are then used to deduce prior adjustment factors appropriate to each month or quarter of the series. Combining these prior adjustments with seasonal adjustments derived from seasonal analysis of the prior adjusted series provides combined adjustment factors by which the original series is seasonally adjusted. Such uses made of prior adjustment are :

- (i) *Trading-day variation in quarterly series* where measurable trading-day patterns are detected;
- (ii) *Special types of trading-day variation* other than simple weekly patterns, such as fortnightly pay-days and twelve-weekly payments of child-endowment;
- (iii) *Movable public holidays*, namely, Easter which may fall in either March or April, and Australia Day which may fall in either January or February, where such effects are measurable and significant.

Alternatively, or in addition, prior adjustment may be used in cases of series subject to abrupt discontinuities affecting the seasonal pattern or the trend, (see Appendix E, 'Discontinuities in Trend and Seasonal Pattern', for further details) or exceptionally large irregular movements where they would, if not allowed for in the seasonal analysis, adversely influence the estimation of seasonal factors, at least for periods immediately preceding and following such influences. This technique is used in this way only in cases of discontinuities or irregularities of a magnitude larger than may be handled satisfactorily by the graduated treatment of extreme values performed by the X-11 programs (see (d) above) and then only when the nature of the disturbance is understood and its magnitude known sufficiently accurately. Prior adjustment factors may be estimated by statistical comparison of data before and after the change or on the basis of supplementary information if available. These prior adjustment factors are applied in cases of discontinuities to the figures for months or quarters preceding the discontinuity, to align their seasonal pattern or trend with that of subsequent original figures; and in the case of exceptional irregular movements, to the months or quarters affected to align their figures with original figures for preceding and succeeding periods. Seasonal adjustment factors are then derived for the prior adjusted series, and are thus unaffected by the discontinuity or irregularity so allowed for. As is evident from the manner described below of effecting seasonal adjustment, it is relatively insensitive to the magnitude of the prior adjustment factors used. Such cases in which use is made of prior adjustment are:

- (iv) *Abrupt changes in seasonal pattern*, for instance those affecting several production series following the extension of statutory annual leave in October 1963. In this case, prior adjustment factors are combined with the seasonal adjustment factors derived from the prior adjusted series to yield combined factors by which the original figures are seasonally adjusted. This technique cannot reasonably be applied at the time of the change in seasonal pattern, but only some years after the event when the magnitude and persistence of the discontinuity is established.
- (v) *Abrupt trend discontinuities*, which can arise from a change in the concepts, definitions or coverage of a statistical series, as for instance in seasonally adjusting quarterly retail sales at constant prices, breaks in which occur owing to changes of base year. Seasonal factors derived from the prior adjusted series are applied directly to the original series to yield a seasonally adjusted series which fully reflects the trend discontinuity. This technique is particularly useful where the discontinuity

APPENDIX A — *continued*

affects the most recent months or quarters of a series, as without it satisfactory seasonal adjustment may not be possible. In the case, however, a pre-requisite is a satisfactory estimate of the magnitude of the trend discontinuity.

- (vi) *Exceptionally large irregular movements*, which might result from a severe industrial dispute or similar exceptional events. As in the case of trend discontinuity, seasonal adjustment factors derived from the prior adjusted series are applied to the original series, so that the effects of the exceptional movement are fully reflected in the seasonally adjusted series. This technique is only applied retrospectively.

17. In the interpretation of seasonally adjusted series, the application of standard options may be taken largely for granted by users of seasonally adjusted series as being technical in nature. These are the options concerning multiplicative or additive adjustment, the variable trend-cycle curve routine, the seasonal factor curve routine and the graduated treatment of extremes. Users should take note of whether use has been made of trading-day adjustments, prior adjustments for any purposes, and adjustment for severe industrial disputes. This is important as their application can markedly affect the results obtained and the interpretation to be placed on them.

18. Except where the series have been adjusted aggregatively (see below), the particular program options employed in the adjustment of series published by this Bureau are set out in Table 1, Appendix C, 'Methods of Adjustment Employed'.

## AGGREGATIVE SEASONAL ADJUSTMENT

19. The foregoing account of the application of the X-11 programs applies to the adjustment of a series as it stands, that is, the *direct adjustment* of the original series. Alternatively it is possible to adjust an aggregate series by seasonally adjusting a number of its components and adding up the results. In cases where the component series exhibit markedly different trends and seasonal patterns, *aggregative adjustment* may be preferred to direct adjustment. However numerous empirical studies made to date mostly suggest that little difference is discernible in the effectiveness of direct and aggregative adjustment. As direct adjustment is simpler in operation, its use is to be favoured generally unless the results are recognisably inferior to those of an alternative aggregative adjustment.

20. It should be noted in this regard that certain series (e.g. those relating to civilian labour force, retail sales, value of work done on new buildings and actual new capital expenditure) included in this bulletin appear both as components and aggregates. Following the approach mentioned in the previous paragraph, each of these series has been adjusted independently. This means that while the unadjusted components add to the totals, the adjusted components may not add to the adjusted totals. The differences are generally not large, in comparison with the month-to-month variability of the seasonally adjusted series.

21. Most of the seasonally adjusted series for principal aggregates in the national accounts and balance of payments have been obtained aggregatively, that is, by adding or subtracting seasonally adjusted component series. Besides retaining, as far as possible, the essential accounting relationships, the aggregative approach is needed because many of the aggregates include components having different characteristics, and requiring different methods of adjustment. The balances in the balance of payments have been adjusted by differencing two seasonally adjusted totals. While this maintains the accounting relationships particular caution should be exercised in analysing the results because they could contain irregular fluctuations somewhat larger than those appearing in the individual series being differenced.

22. In addition to the principal aggregates in the national accounts and balance of payments, aggregative adjustment is employed in seasonally adjusting certain series which are comprised of disparate components (e.g. civilian employees and registered vacancies). Where series have been adjusted aggregatively, details of the methods used are presented in Table 2 in Appendix C.

## APPENDIX A — continued

## SUMMARY MEASURES

23. The X-11 programs provide a large range of statistical measures, tests of significance and graphs which may be used in the choice of program options. Some of the summary measures help the user to interpret the results by giving an indication of the relative magnitude of the seasonal effects which have been removed from the series, and a guide as to how much of the variability of the series is due to trend and irregular elements. Some of the more important and easily interpreted summary measures for each of the series published by this Bureau are given in Appendix D, 'Measures of Variability'.

24. The summary measures given in Appendix D are the average percentage change from month to month (without regard to sign) in the original and seasonally adjusted series, in the trend and irregular series, in the seasonal factors, and in the trading-day adjustments where these have been made. For seasonal factors, the average percentage change from year to year (without regard to sign) is also given. This shows the average rate at which the seasonal pattern is estimated to have been changing from year to year. Included also are measures called *Months for Cyclical Dominance* (MCD) and *Quarters for Cyclical Dominance* (QCD). These are measures obtained by calculating the average amplitude of movements in the trend and irregular components over successively longer time spans beginning with one month (quarter). The MCD (QCD) is the shortest number of months (quarters) it takes for the average amplitude of the trend to exceed that of the irregular. The measures give a broad indication of the relative importance of the trend component compared with the irregular and thus an indication of the extent to which the short-term movement of the series tends to be governed by one or other component. However, as the measures are averaged over the whole length of the series, they may not be relevant in the current period or in any other particular short-term period.

25. The effects removed by any prior adjustments made, such as those made in some series for Easter or Australia Day, are not included in the summary measures relating to the trend and irregular series, seasonal factors and trading-day factors.

26. The measures of variability given in Appendix D serve to give some indication of whether a movement in a seasonally adjusted series is attributable to influences beyond the normal irregular variation and normal changes in the seasonal pattern. It is, however, to be borne in mind that measures of the month-to-month and year-to-year change given in Appendix D are averages; changes for the individual months and years may be considerably larger or smaller than the averages shown.

## REVISIONS TO SEASONAL FACTORS

27. It is necessary to revise seasonally adjusted statistics from time to time. This is necessary not only because of amendments in the original series, but because the adjusted series is changed every time the computer analysis is repeated to bring in another year's figures. This means revision of the whole seasonally adjusted series, although the changes in early years would be expected to be minor. The fact that seasonally adjusted series will be revised every time the computer absorbs another year's data is inherent in the nature of the X-11 program and, in fact, all complex programs of this kind. In effect, the new data provide further observations upon which estimates of trend, seasonal factors and limits for identifying extreme values are based. The latter estimates, presumably the more accurate, can generally be expected to differ somewhat from earlier ones based upon less recent original data.

28. As a rough rule of thumb, derived from Australian monthly series analysed to date, the average of the differences for the most recent common year, between successive revisions in the seasonally adjusted monthly series, can be expected to be approximately one-half the average percentage change from month to month in the irregular series (given in Appendix D), but this can be expected to fall to about one-fifth of the average percentage change from month to month for years four or more earlier. Comparable revisions to quarterly series can be expected.

## APPENDIX A — continued

29. In the seasonally adjusted figures for some individual months, however, some revisions may be considerably larger (or smaller) than those suggested by this rule of thumb. The tendency to larger revisions is most marked for months affected by large changes in trend or seasonal pattern. As might be expected, the tendency of successive revisions is generally to 'smooth out' fluctuations appearing in the initial seasonally adjusted series.

## NATIONAL ACCOUNTS SERIES

30. This bulletin includes a selection of the seasonally adjusted series published in *Quarterly Estimates of National Income and Expenditure*. Owing to the difficulty of obtaining the necessary up-to-date and detailed data, much of the current information used in preparing the original figures of Quarterly Estimates of National Income and Expenditure is usually of an approximate nature and is subject to revision as more complete and accurate information comes to hand. Consequently, both the original and seasonally adjusted series are subject to frequent amendments. As mentioned above in Paragraph 21 most of these series of seasonally adjusted national accounting aggregates have been derived using aggregative methods, that is, as the sum of seasonally adjusted component series rather than by direct adjustment of the aggregate series. Also, since some of the series are not amenable to the usual methods of seasonal adjustment, special methods of adjustment have been used in some cases. A description of the methods of adjustment employed is given in Appendix C. Similar comments apply to the series comprising the balance of payments current account.

## LIMITATIONS OF SEASONALLY ADJUSTED STATISTICS

31. Despite their versatility, the X-11 programs rely essentially upon the logic of the simple classical methods described earlier. Although they overcome many of the shortcomings of simpler methods, they are subject to the same basic limitations of all such methods. Of these, the most important limitation stems from the inherent impossibility of defining precisely the trend, seasonal and irregular components (at least for statistics relating to economic and social phenomena) except in terms of estimates obtained by a particular method. Consequently, no objective assessment of reliability may be made for any such methods, and comparisons of results obtained by alternative procedures must always involve an element of judgment.

32. A further limitation derives from a fundamental assumption underlying seasonal analysis and adjustment techniques. It is assumed implicitly that while trends and seasonal patterns underlying the series may change, such changes are not abrupt. The X-11 programs, and in fact all seasonal adjustment programs yet developed, tend to yield recognisably unsatisfactory results where an abrupt change affects the seasonal pattern of a series.

33. The optional alternative procedures allowed by the X-11 programs provide some means for overcoming problems of this kind. However, the remedies provided by the X-11 program are available only some time after the change has occurred. It is impossible for the most part to recognise and assess changes in seasonality at the time they occur. The seasonal analysis alone cannot indicate whether an unexpected movement appearing in current seasonally adjusted figures denotes a variation in trend or an unusual (irregular) effect, or whether it is due to an abrupt change in seasonality.

34. Furthermore, it is to be borne in mind that by using alternative program options the X-11 programs will yield results which may differ markedly from each other. As implied above, it is sometimes by no means easy to decide which of some feasible options should be employed.

35. Consequently, it would be neither reasonable nor prudent to regard seasonally adjusted series as in any way 'definitive'. They must be treated with caution as being no more than useful indicators of movements. They can without doubt be a useful aid to critical interpretation, but can in no way be a substitute for it.

APPENDIX A — *continued*

## PRESENTATION OF SEASONALLY ADJUSTED STATISTICS

36. So that the most recent statistics may be seen in ample context, the series given in this bulletin, where possible, cover a span of about fifteen years. As in previous issues, the statistical series in this bulletin are presented as originally compiled and as seasonally adjusted, both as tables and in graphical form on charts of natural (arithmetic) scales. In addition, a selection of seasonally adjusted series is presented on semi-logarithmic charts to facilitate comparison of rates of growth of series of differing magnitude.

37. Additional information, beyond that appearing with the figures for each series, is given in Appendix B under 'Explanatory Notes' and in the publications listed in Appendix B.

38. Further seasonally adjusted figures for each of these series will be published, as they become available, in the relevant current publications of the Australian Bureau of Statistics and other authorities as shown in Appendix B.

39. Seasonally adjusted Australian series which are published by this Bureau, but not included in this bulletin, are also listed in Appendixes C and D together with details of the methods of adjustment used and selected measures of variability.

40. The data tables and graphs presented in this bulletin have been reproduced from computer output produced by means of the 'Time Series System' being developed by the Bureau. This is a computer system which incorporates, in addition to the basic X-11 and X-11Q seasonal analysis programs, a range of programs and facilities for the manipulation, analysis and tabulation of time series data together with associated storage, maintenance and retrieval operations. On-line storage facilities enable rapid access to data. Further information concerning this system is available on request.



## APPENDIX B

## EXPLANATORY NOTES AND PUBLICATIONS FOR FURTHER REFERENCE

The notes below provide further information on the nature of the series published in this bulletin and references to publications for further details. The publications referred to are, with few exceptions, those monthly and quarterly statements of the Bureau in which subsequent seasonally adjusted figures are to be published.

Subsequent seasonally adjusted figures for most series will also be included in the *Monthly Review of Business Statistics* (1304.0) and a selection will be included in the *Digest of Current Economic Statistics* (1305.0).

<i>Series description</i>	<i>Page</i>	<i>Explanatory notes and Bureau publication catalogue numbers*</i>
<b>PRODUCTION —</b>		
Black coal	26	(8404.0)
Electricity	27	Total generated, including electricity not for sale. (8301.0; 8357.0)
Gas	28	Available for issue through mains; from July 1969 includes natural gas. (8301.0; 8357.0)
Raw steel	29	Includes recovery from scrap and from November 1967 continuous cast billets. (8301.0; 8364.0)
Cement	30	Portland cement. (8301.0; 8361.0)
Clay bricks	31	(8301.0; 8361.0)
Motor vehicles	32	Cars, station wagons, utilities, panel vans, trucks and truck type vehicles, omnibuses and ambulances. Includes vehicles which are disposed of by the manufacturer in a partly finished state. Before July 1963 the series related to the production of motor vehicle bodies assembled from local and imported panels. (8301.0; 8363.0)
Electric motors under 720W	33	Includes those made and incorporated by manufacturers in their own products. (8301.0; 8357.0)
Domestic refrigerators	34	Electric. (8301.0; 8357.0)
Television sets	35	Includes combination with radio, etc. From September 1974, includes production of colour television sets. (8301.0; 8357.0)
Floor coverings	36	Includes smooth surfaced and embossed as well as textile-based coverings. (8301.0; 8360.0)
Cotton woven cloth	37	Cotton woven cloth (including mixtures predominantly of cotton) over 30 cm wide. (8301.0; 8360.0)
Synthetic fibre woven cloth	38	Synthetic fibre cloth (including mixtures predominantly of synthetic fibre) over 30 cm wide. (8301.0; 8360.0)
Confectionery	39	Excludes chocolate sold for further manufacturing purposes. (8301.0; 8359.0)
Total meat	40	Production is in terms of fresh meat for human consumption (carcass weight) and includes estimates of meat from animals slaughtered on farms and by country butchers. (7204.0; 7205.0; 7206.0)
Whole milk	41	Includes whole milk used for factory butter, cheese and processed milk products, as well as milk for other purposes (principally fluid milk for domestic purposes). (7208.0; 7209.0).

\* See page 168 for key

## APPENDIX B – continued

<i>Series description</i>	<i>Page</i>	<i>Explanatory notes and Bureau publication catalogue numbers*</i>
<b>OVERSEAS TRANSACTIONS –</b>		
<b>Recorded Trade –</b>		
Total exports	42	The total value of exports recorded in the month. Exports are valued at the f.o.b. Australian port of shipment equivalent of the actual price paid to the exporter. Goods shipped on consignment are valued on the basis of current prices offering for similar goods of Australian origin in the country to which they are consigned. (5401.0; 5404.0)
Total imports	43	The total value of imports recorded in the month. Recorded value is the value for duty for Customs purposes. From 1 July 1976, a new system of valuation for Customs purposes, based on the internationally recognised Brussels Definition of Value, was adopted. The value for duty is based on the "normal price", i.e. the price the goods would fetch at the time when the duty becomes payable on a sale in the open market between a buyer and seller independent of each other. The goods are valued in the country of exportation, that is freight and insurance are excluded. The valuation for Customs purposes prior to July 1976, broadly, was based on the higher of actual selling price or current domestic value (in the country of export) plus charges involved in placing the goods free on board the vessel at the port of export. Because of the change in the basis of valuation, the recorded imports figures for periods prior to July 1976 have been adjusted to make them comparable with the figures on the new basis of valuation for July 1976 onwards. (5401.0; 5406.0)
<b>Exports and Imports of Merchandise at Current Prices –</b>		
Exports of merchandise	44	These estimates are compiled on the basis of recorded statistics of merchandise trade within the framework of the Australian Export Commodity Classification and the Australian Import Commodity Classification. In concept, the constant price estimates may be thought of as being derived by expressing the value of each component transaction as the product of a quantity and a price, and then substituting for each current period price the average price of the corresponding item in the base year. The total value of exports or imports in the current year, expressed at the average price of the base year, is then obtained by summing these items.
Imports of merchandise	46	
<b>Exports and Imports of Merchandise at Average 1974-75 Prices –</b>		
Exports of merchandise	45	From 1 July 1976 a new system was introduced for valuing imports. It has been estimated that if the previous basis of valuation had been continued the current price values of total imports would have been about 2% higher than the recorded values on the new basis. The estimates at average 1974-75 prices are affected to a lesser extent. (5421.0)
Imports of merchandise	47	
<b>Balance of Payments, Current Account –</b>		
Balance of Trade	48	The difference between recorded exports f.o.b. and recorded imports f.o.b., after adjustments have been made for balance of payment purposes. For recorded exports and imports coverage, adjustments are made mainly to exclude transactions where no change of ownership occurs between residents and non-residents of Australia and to include certain transactions where ownership changes but customs entries are not required. In addition, timing adjustments are made to recorded imports to take account of identified differences between the recording of shipment or delivery and the actual time ownership changes. For balance of payments purposes imports are valued at f.o.b. transactions value which differs from the value for duty used in recorded imports. Prior to July 1976 an estimated valuation adjustment was applied but since that date the f.o.b. transactions value has been obtained directly from source data. (5302.0; 5303.0)

\* See page 168 for key.

## APPENDIX B – continued

Series description	Page	Explanatory notes and Bureau publication catalogue numbers*
<b>OVERSEAS TRANSACTIONS – contd</b>		
Balance of Payments, Current Account – continued		
Invisible credits	49	<i>Invisible credits</i> represent the sale by Australian residents of services to non-residents or transfers in cash or kind from non-residents to Australians (5302.0; 5303.0)
Invisible debits	50	<i>Invisible debits</i> represent purchases of services by Australians from non-residents or transfers in cash or kind by Australians to non-residents. (5302.0; 5303.0)
Balance on current account	51	The <i>balance on current account</i> is the difference between the value of exports f.o.b. plus invisible credits and imports f.o.b. plus invisible debits. It represents the net inflow (negative) or outflow (positive) of goods, services and transfers whose value will accrue to their owners in the current quarter. (5302.0; 5303.0)
International Liquidity – Official reserve assets	52	Australia's official reserve assets include gold, holdings of Special Drawing Rights issued by the International Monetary Fund, reserve position in the IMF and foreign exchange. Gold is valued at the Reserve Bank buying price up to the end of January 1976; from February 1976 to end May 1976 gold is valued at the IMF official price in SDRs converted to Australian dollars at the derived SDR/\$A rate; subsequently the basis of valuation is the average London gold price for the month, converted to Australian dollars at the market rate of exchange applying on the last day of the month. Up to June 1974, SDRs, Australia's reserve position in the IMF and IMF credit tranche are valued on the basis of Australia's official parity established with the IMF; subsequent figures are based on the IMF basket valuation (in US dollars) for the SDR and converted at the representative rate to Australian dollars. From June 1972 foreign exchange holdings have been valued at the market rates applying at the time (a). (1304.0; 1305.0)
<b>EMPLOYMENT AND LABOUR</b>		
Employed Persons –		
Males	58	Estimates are based on the results of a population survey conducted quarterly until February 1978 and monthly thereafter. The survey is based on a multi-stage area sample of private dwellings (about 30,000 houses, flats, etc.) and non-private dwellings (hotels, motels, etc.), and covers about two-thirds of one per cent of the population of Australia. The information is obtained from the occupants of selected dwellings by carefully chosen and specially trained interviewers, the interviews for monthly surveys generally being conducted during the two weeks beginning on the Monday between the 6th and 12th of each month. The information obtained relates to the week prior to the interview (i.e. the survey week). The survey estimates for February 1978 and subsequent months are based on revised population estimates derived from the results of the 1976 Population Census and were obtained by using a new sample and new questionnaire. Survey estimates for August 1976 to November 1977 have been revised in order to provide a series as comparable as possible with the February 1978 estimates. Estimates for periods earlier than August 1976 have not yet been revised and are not directly comparable with estimates on the revised basis. The estimates relate to all persons aged 15 years and over, except members of the permanent defence forces, certain diplomatic personnel of overseas governments customarily excluded from census and estimated populations, non-Australians on tour
Females	59	
Persons	60	

(a) Source of original data: Reserve Bank of Australia *Statistical Bulletin*.

\* See page 168 for key.

## APPENDIX B – continued

Series description	Page	Explanatory notes and Bureau publication catalogue numbers*
<b>EMPLOYMENT AND LABOUR – contd</b> <b>Employed Persons – continued</b>		<p>or holidaying in Australia and members of non-Australian defence forces (and their dependants) stationed in Australia. From August 1971 onwards, trainee teachers have been excluded from estimates of the labour force. The definition of unemployed persons was changed as from February 1975, necessitating a change in the definition of the labour force.</p> <p><i>Employed persons</i> comprise all those aged 15 years and over who, during the survey week:</p> <ul style="list-style-type: none"> <li>(a) worked for one hour or more for pay, profit, commission or payment in kind in a job or business, or on a farm (including employees, employers and self-employed persons), or</li> <li>(b) worked for 15 hours or more without pay in a family business or on a farm (i.e. unpaid family helper), or</li> <li>(c) were employees who had a job but were not at work, and were on paid leave; on leave without pay for less than four weeks up to the end of the survey week; stood down without pay because of bad weather or plant breakdown at their place of employment for less than four weeks up to the end of the survey week; on strike or locked out; on workers' compensation and expected to be returning to their job; or receiving wages or salary while undertaking full-time study, or</li> <li>(d) were employers or self-employed persons who had a job, business or farm, but were not at work.</li> </ul> <p>(6202.0; 6203.0; 6204.0)</p>
<b>Civilian Labour Force –</b>		
Males	53	The <i>labour force</i> comprises all persons who, during the survey week, were employed or unemployed. (6202.0; 6203.0; 6204.0)
Females	54	
Persons	55	The <i>labour force participation rate</i> for any group is the labour force expressed as a percentage of the civilian population aged 15 years and over in the same group. (6202.0; 6203.0; 6204.0)
Participation rate – Males	56	
Participation rate – Females	57	
<b>Civilian Employees –</b>		
Males	61	<p>Original data, except those relating to government employees, are based on benchmarks derived mainly from the population censuses of June 1954, 1961 and 1966. Benchmarks for June 1971 were established by analysing data from the 1971 population census and other relevant sources such as special returns from government bodies and the Bureau's economic censuses and surveys. Estimates for other months are derived from current pay-roll tax returns, returns of government employment, some other direct returns of employment, and estimates of the number of employees not covered by these collections. Defence forces and employees in agriculture and private households employing staff are excluded.</p> <p>The figures for government employees include all civilian employees, within Australia, of government bodies (Australian, State, local and semi-government) in services such as railways, road transport, banks, postal and telecommunication, air transport, education (including universities, colleges of advanced education, etc.), radio, television, police, public works, factories, marketing authorities, public hospitals (other than those run by charitable or religious organisations) and departmental hospitals and institutions, etc.</p> <p>The figures relate only to civilian wage and salary earners, not the total labour force. They therefore exclude employers, self-employed persons, unpaid helpers and the unemployed.</p> <p>Three series of estimates are shown, the first covering the period to June 1966, the second the period from June 1966, and the third from June 1971. The census definitions at the 1954 and 1961 censuses were such</p>
Females	62	
Persons	63	
Private – Persons	64	
Government – Persons	65	
Construction – Persons	66	
Manufacturing – Persons	67	
Wholesale and retail trade – Persons	68	
Transport and storage – Persons	69	
Finance, insurance, real estate and business services – Persons	70	

\* See page 168 for key.

## APPENDIX B — continued

Series description	Page	Explanatory notes and Bureau publication catalogue numbers*
<b>EMPLOYMENT AND LABOUR — contd</b> <b>Civilian Employees — continued</b>		
		<p>that a person's labour force status tended to be determined according to his major activity, and therefore many part-time employees were classified as not employed. At the 1966 and 1971 censuses, labour force status was based on a person's actual activity during a specified week. As a result the last two series of estimates are at higher levels than the 1954 to 1966 estimates overall. From June 1971 onwards, the <i>Australian Standard Industrial Classification</i> has been used. This industry classification is not directly comparable with those adopted for population censuses before 1971 and used in estimates of civilian employees for that period.</p> <p>At the 1971 Population Census trainee teachers were for the first time classified as not in the labour force. They have been excluded from estimates of employed wage and salary earners for the period from June 1971, the numbers of males and females excluded in June being approximately 7,000 and 17,000 respectively.</p> <p>From June 1971 employees of non-departmental "public" or "board" hospitals (other than those run by religious or charitable organisations) and employees of all marketing authorities or boards (other than those which are purely growers' or producers' co-operatives) are included in estimates of government employment. Previously, these employees were included in estimates of private employment. The effect of the change is to add approximately 114,000 persons to government employment estimates at June 1971.</p> <p>April 1973 held an unusual holiday period because Anzac Day fell two days after Easter Monday. This feature is thought to have had a depressing effect on the expansion of employment in the last pay-period of April and, by postponement, to have reinforced expansion in May. Such an effect remains in the seasonally adjusted as well as the original figures. (6212.0; 6213.0)</p>
<b>Job Vacancies Registered —</b> Adults Juniors Total	71 72 73	<p>The figures comprise all job vacancies notified to the C.E.S. which were still unfilled at the Friday nearest the end of the month and which employers claimed could be filled if labour were supplied immediately or within the following month. Vacancies for full-time, part-time, permanent, temporary, and seasonal positions are included. Separate statistics of vacancies for school leavers are not available as employers, when notifying vacancies, rarely distinguish between school leavers and other juniors. Juniors comprise all persons under 21 years, including school leavers. (b) (6213.0)</p>
<b>Factory Overtime</b>	74	<p>Results obtained from a survey of overtime worked in a number of larger private factories throughout Australia. (b)</p>
<b>WAGES AND SALARIES —</b> Average weekly earnings per employed male unit	75	<p>The estimates are derived from particulars of employment and wages and salaries recorded on pay-roll tax returns, from other direct collections and from estimates of the unrecorded balance. The figures relate to civilians only. In addition to salary and wage payments at award rates they include earnings of employees not covered by awards, overtime earnings, over-award and bonus payments, payments made in advance or retrospectively during the periods specified, etc.</p> <p>Because particulars of wages and salaries paid are not available for males and females separately from the sources used for this series, average weekly earnings have been calculated in terms of male units, i.e. total male employees plus a proportion of female employees, the proportion being derived from the estimated ratio of female to male average earnings.</p> <p>As the number of male units used in calculating average weekly earnings</p>

(b) Source of original data : Department of Employment and Industrial Relations *Monthly Review of the Employment Situation* (also includes seasonally adjusted data).

\*See page 168 for key.

## APPENDIX B – continued

<i>Series description</i>	<i>Page</i>	<i>Explanatory notes and Bureau publication catalogue numbers*</i>
<b>WAGES AND SALARIES – contd</b> Average weekly earnings per employed male unit – <i>contd</i>		for Australia is the sum of the estimates for the States, a separate ratio of female to male average earnings for Australia as a whole is not used. The weighted average of the State ratios has increased from approximately 52.5 per cent in September quarter 1966 to approximately 67.0 per cent in March quarter 1978. (6302.0)
<b>INTERNAL TRADE –</b>		
<b>Quarterly Retail Sales at Current Prices –</b>		The figures relate to retail sales of goods (as distinct from services, repairs, accommodation, entertainment, meals, etc.) to final consumers for personal and household consumption by retail and selected service establishments. Hotels are included in respect of goods sold. The figures up to September quarter 1972 are on a basis comparable with the 1961-62 Census of Retail Establishments. From December quarter 1972 to June quarter 1975 the figures are on a basis comparable with the 1968-69 Census of Retail Establishments. From September quarter 1975 the figures are on a basis comparable with the 1973-74 Census of Retail Establishments. (8502.0; 8503.0)
Food and drink	76	
Clothing, hardware, electrical, etc.	78	
All other goods (excl. motor vehicles, parts, petrol, etc.)	80	
All items (excl. motor vehicles, parts, petrol, etc.)	82	
<b>Quarterly Retail Sales at Constant Prices –</b>		These estimates show the values of the main aggregates of quarterly retail sales revalued in such a way that the direct effects of price changes, which have occurred in the periods under review, have been removed. In concept, they may be thought of as being derived by expressing the value of every component commodity as the product of a price and a quantity, and then by substituting for each actual current price the corresponding average price in the base year. Aggregates at constant prices are then obtained by summation. It is not possible, in practice, to use this method of revaluation because data on the quantities of retail commodities sold are not obtained in the Quarterly Survey of Retail Establishments. The method adopted is to use independently constructed composite price indexes to effect the revaluation. The estimates up to June quarter 1975 are at average 1968-69 prices. From September quarter 1975 they are at average 1974-75 prices. (8502.0; 8503.0)
Food and drink	77	
Clothing, hardware, electrical, etc.	79	
All other goods (excl. motor vehicles, parts, petrol, etc.)	81	
All items (excl. motor vehicles, parts, petrol, etc.)	83	
<b>Monthly Retail Sales –</b>		
All items (excl. motor vehicles, parts, petrol, etc.)	84	The figures relate to retail sales of goods (as distinct from services, repairs, accommodation, entertainment, meals, etc.) to final consumers for personal and household consumption by retail and selected service establishments. Hotels are included in respect of goods sold. Sales of motor vehicles, parts, petrol, etc. are excluded. Goods sold direct from farms are also excluded. The figures up to June 1969 are on a basis comparable with the 1961-62 Census of Retail Establishments. From July 1969 to March 1976 the figures are on a basis comparable with the 1968-69 Census of Retail Establishments. From April 1976 the figures are on a basis comparable with the 1973-74 Census of Retail Establishments. (8501.0)
<b>Registrations of New Motor Vehicles –</b>		Registrations processed by the motor vehicle registration authorities in the States and Territories during the period. The figures include new Commonwealth Government-owned vehicles other than those belonging to the defence services but exclude motor cycles, tractors, trailers, caravans, plant and equipment. (9301.0; 9303.0; 9304.0)
Cars and station wagons	85	
Other vehicles	86	
Total	87	

\* See page 168 for key.

## APPENDIX B — continued

<i>Series description</i>	<i>Page</i>	<i>Explanatory notes and Bureau publication catalogue numbers*</i>
<b>BUILDING, ETC. —</b>		
<b>Building Approved —</b>		
Number of —		Building permits issued by local government authorities and contracts let, and day labour projects authorised by government authorities.
Total new dwellings approved	88	Number of new dwellings relates to individual living units. Values exclude the value of land and represent the estimated value of buildings on completion. From July 1973 all dwelling statistics exclude alterations and additions, but those valued at \$10,000 and over (previously \$2,000) continue to be included in the statistics for other building and total building. From July 1975 approval statistics for new dwellings include all new dwellings (previously those valued greater than \$2,000) and for new other building include new other building valued at \$10,000 and over (previously \$2,000) together with alterations and additions (to other building) valued at \$10,000 or more. With these changes the scope of the building approvals and building operations statistics are now identical. (8702.0; 8703.0; 8705.0)
New private dwellings approved	89	
Value of total building approved	90	
<b>Building Commenced —</b>		
Number of —		Compiled from returns obtained from building contractors engaged in the erection of new buildings, owner builders and government authorities.
Total new dwellings commenced	91	Number of dwellings relates to individual living units. Values exclude the value of land and represent the estimated value of buildings on completion. (8703.0; 8705.0)
New private dwellings commenced	92	
Value of —		From July 1966, value series include alterations and/or additions of \$10,000 and over. Before July 1966, major additions were included for all States but major alterations were included for New South Wales only.
Total new dwellings commenced	93	From July 1973 all dwelling statistics exclude alterations and additions, but they continue to be included in statistics for other building and total building.
Total building commenced	95	
<b>Building Completed —</b>		
Number of —		
Total new dwellings completed	96	
New private dwellings completed	97	
<b>Value of Work Done on —</b>		
Total new dwellings	98	
Other buildings	99	
Total buildings	100	
<b>New Capital Expenditure by Private Enterprises —</b>		
New buildings and structures	101	Statistics to September quarter 1973 are derived from returns obtained from private businesses subject to pay-roll tax (other than rural, professional, gas and electricity), from government banks and airlines, and from other businesses not subject to pay-roll tax undertaking projects of more than \$500,000 in any half-year.
Other new capital equipment	102	
Manufacturing	103	From December quarter 1973, statistics are derived from a sample of private business enterprises recorded on the Bureau's Central Integrated Register of business units engaged in economic activity in Australia other than enterprises engaged primarily in rural, construction and community service activities. The survey now includes businesses not subject to pay-roll tax and expenditure on assets purchased by one enterprise for leasing to another enterprise. All government enterprises are now outside the scope of the survey. (5625.0; 5626.0)
Mining	104	
Other industries	105	
Total new capital expenditure	106	
<b>Expected New Capital Expenditure by Private Enterprises —</b>		
Total	107	Expected by individual businesses at the beginning of the period. From the half-year ended June 1974, the statistics are derived from the survey used to estimate actual capital expenditure described above. (5626.0)

\* See page 168 for key.

## APPENDIX B — continued

<i>Series description</i>	<i>Page</i>	<i>Explanatory notes and Bureau publication catalogue numbers*</i>
<b>FINANCE —</b>		
<b>Taxation Revenue —</b>		
Commonwealth and State Government consolidated revenue funds	108	Obtained from monthly statements of consolidated revenue and expenditure issued by the Commonwealth Treasury and State Treasuries. Excludes any taxation collections paid directly to trust funds. (1305.0)
<b>Volume of Money —</b>		
Definition M <sub>1</sub>	109	Includes notes and coin in hands of public plus current deposits with all trading banks. Series is average of weekly figures (reported as at each Wednesday) for the month. (c) (d)
Definition M <sub>3</sub>	110	Includes components of Definition M <sub>1</sub> plus other deposits of all trading banks (fixed deposits and certificates of deposit) and deposits with all savings banks. The deposits with all savings banks is the interpolated "weekly average" based on end-month figures. Trading bank components other than certificates of deposit, exclude Commonwealth and State government and inter-bank deposits, and include deposits of the public with the Reserve Bank. From June 1975 the figures reflect a change in accounting procedures by one savings bank. (c) (d) (5605.0)
<b>Savings Banks —</b>		
Depositors' balances	111	Particulars for the Commonwealth Savings Bank, The State Savings Bank of Victoria, The Savings Bank of South Australia, The Rural and Industries Bank of Western Australia and The Hobart Savings Bank relate to the end of the month, those for The Launceston Bank for Savings to the last Monday in the month, and those for the other savings banks to the last Wednesday in the month. From June 1975 the figures reflect a change in accounting procedures by one bank. The series excludes external territories. (5602.0; 5605.0)
<b>Major Trading Banks —</b>		
Total Deposits	112	Major trading banks comprise the Commonwealth Trading Bank, Australia and New Zealand Banking Group Ltd, The Bank of Adelaide, Bank of New South Wales, The Commercial Bank of Australia Ltd, The Commercial Banking Company of Sydney Ltd, The National Bank of Australasia Ltd. Figures are the average of weekly returns (usually reported as at each Wednesday) for the month. The series include external territories. (d) (5603.0; 5605.0)
Loans, advances and bills discounted	113	
New and increased lending commitments	114	Series comprises formal new and increased lending commitments for term loans, farm development loans, overdrafts, bridging finance, personal instalment loans and lease financing; commitments in respect of temporary advances to wool buyers are excluded. Caution needs to be exercised in interpreting the series particularly over short periods as the figures represent gross new lending commitments by banks and do not take into account commitments from earlier periods which have been cancelled or reduced. Figures are the weekly average for the period ending on the second Wednesday of the month. (d) (5605.0)

(c) Source of original data : Reserve Bank of Australia *Statistical Bulletin* (also includes seasonally adjusted data). (d) The *Banking Act* 1959 ceased to apply to Papua New Guinea from November 1973. The figures have been tabulated and graphed to exclude Papua New Guinea from July 1973.

\* See page 168 for key.

## APPENDIX B — continued

Series description	Page	Explanatory notes and Bureau publication catalogue numbers*
<b>FINANCE — continued</b> <b>Housing Finance for Owner Occupation, Loans Approved to Individuals for Construction or Purchase of Dwellings —</b>		These figures relate to secured finance approved by banks and permanent building societies to individuals for the construction of dwellings and purchase of newly erected dwellings, where those individuals will occupy the dwellings.
Construction of dwellings and purchase of newly erected dwellings —		A loan approved is a firm commitment to advance funds. Loans approved for amounts additional to loans previously approved are included. Number of dwelling units refers to the number of houses and other dwellings for which loans have been approved. If amounts additional to the original loan are approved to complete purchase or construction, the number of dwellings involved is not changed. Purchase of newly erected dwellings represents the purchases of dwellings which have been completed within a period of twelve months preceding the date of purchase where the purchaser is, or will be, the first occupant.
Number of dwelling units for which loans have been approved by —		Figures from October 1975 are not strictly comparable with those for earlier months because as from that month
Savings banks	115	(a) approvals of alterations and additions estimated to cost \$10,000 or more (previously included) are excluded,
Trading banks	116	(b) purchase of dwellings not previously occupied was replaced with more precisely defined construction of dwellings and purchase of newly erected dwellings,
Permanent building societies	117	(c) approvals for savings and trading banks exclude any lending for commercial purposes (previously a small component was included),
Total —		(d) statistics for permanent building societies are based on a survey of major societies rather than a full census. The permanent building societies included in the survey are responsible for more than 99% of the lending of all permanent building societies, and
Value of loans approved by —		(e) data for trading banks prior to October 1975 were derived from the Reserve Bank.
Savings banks	118	(5608.0; 5610.0)
Trading banks	119	
Permanent building societies	120	
<b>NATIONAL ACCOUNTS AT CURRENT PRICES —</b> <b>Wages, Salaries and Supplements</b>	121	Payments in the nature of wages and salaries, including allowances for income in kind (board and quarters, etc.), together with supplements to wages and pay and allowances of members of the forces. Supplements consist of employers' contributions to pension and superannuation funds, direct payments of pensions and retiring allowances, and amounts paid as workers' compensation for injuries. (5205.0; 5206.0)
<b>Gross Domestic Product —</b> Total	122	The total market value of goods and services produced in Australia within a given period after deduction of the cost of goods and services used up in the process of production, but before deducting allowances for the consumption of fixed capital. (5205.0; 5206.0)
Gross farm product	124	That part of gross domestic product arising from production in agriculture and services to agriculture.
Gross non-farm product	126	That part of gross domestic product arising from production in all industries other than agriculture and services to agriculture.
<b>Gross National Expenditure —</b>	128	Total expenditure within a period on final goods and services bought by Australian residents. (5205.0; 5206.0)

\* See page 168 for key.

## APPENDIX B – continued

<i>Series description</i>	<i>Page</i>	<i>Explanatory notes and Bureau publication catalogue numbers*</i>
<b>NATIONAL ACCOUNTS AT CURRENT PRICES – contd</b>		
<b>Final Consumption Expenditure – Private</b>	130	Expenditure on goods and services for consumption by persons and private non-profit organisations serving households. Includes personal expenditure on motor vehicles and other durable goods and the imputed rent of owner-occupied dwellings, but excludes purchases of dwellings. Also excludes consumer debt interest. (5205.0; 5206.0)
Government	132	Expenditure by public authorities (other than those classified as public enterprises) on wages, salaries and supplements, and on goods and services other than expenditures which result in the creation or the acquisition of fixed tangible assets or an increase in stocks. Charges for goods sold or services rendered are offset against purchases. Net expenditure overseas by general government bodies and purchases from public authorities are included. All expenditure on defence is classified as final consumption expenditure. (5205.0; 5206.0)
<b>Gross Fixed Capital Expenditure – Total</b>	134	Expenditure on fixed assets, whether for additions or replacements. This item includes expenditure on dwellings, other building and construction, vehicles, plant, machinery, etc., but excludes expenditure on fixed assets for defence purposes. It includes expenditure on second-hand assets, as well as new assets, less sales of existing assets. Expenditure on ordinary repair and maintenance is excluded. All expenditure on roads, including maintenance, however, is classified as capital expenditure. (5205.0; 5206.0)
Private	136	Expenditure on fixed assets, whether for additions or replacements. This item includes expenditure on second-hand assets as well as new assets, less sales of existing assets. Dwellings purchased by persons from public housing authorities are included in private capital expenditure.
Public	138	Expenditure on fixed assets, whether for additions or replacements, other than for defence purposes. Because it has been impossible to make a satisfactory dissection, all expenditure on roads, including maintenance, is classified as capital expenditure.
<b>Increase in Stocks – Private non-farm</b>	140	The increase in stocks held by private non-farm enterprises, obtained after adjusting the increase in book value of stocks by the stock valuation adjustment. (5205.0; 5206.0)
<b>Gross Operating Surplus – Trading Enterprises – Companies</b>	142	The operating surplus before deduction of depreciation provisions, dividends, interest, royalties and land rent, and direct taxes payable, but after deducting stock valuation adjustment, of all trading enterprises from operations in Australia. It is the excess of gross output over the sum of intermediate consumption, wages, salaries and supplements and indirect taxes less subsidies. <i>Gross operating surplus</i> includes third party motor vehicle and public risk insurance claims paid to persons in respect of policies taken out by enterprises. <i>Trading enterprises - other</i> includes public enterprises, partnerships, and sole proprietors engaged in the production of goods and services for sale. All dwellings are included whether let or occupied by the owner. (5205.0; 5206.0)
Other	143	

\* See page 168 for key.

## APPENDIX B — continued

<i>Series description</i>	<i>Page</i>	<i>Explanatory notes and Bureau publication catalogue numbers*</i>
<b>NATIONAL ACCOUNTS AT CURRENT PRICES — continued</b>		
Household Disposable Income	144	<i>Household income less income tax paid by persons, estate and gift duties and all other taxes, fees for services of a regulatory character, fines and gifts paid by persons to general government, consumer debt interest and transfers to overseas. Household income is the total income whether in cash or kind, received by persons normally resident in Australia in return for productive activity (such as wages and supplements, incomes of unincorporated enterprises, etc.) and transfer incomes (such as cash social service benefits, interest, etc.). It includes the imputed interest of life offices and superannuation funds, which is the benefit accruing to policy holders and members from investment income of the funds. However, it excludes any income which might be said to accrue to persons in the form of undistributed company income. It also includes any property income received by non-profit organisations such as private schools, churches, charitable organisations, etc. (5205.0; 5206.0)</i>
Household Saving	145	Derived as a balancing item as the difference between <i>household disposable income</i> and <i>private final consumption expenditure</i> . (5205.0; 5206.0)
<b>NATIONAL ACCOUNTS AT AVERAGE 1974-75 PRICES</b>		
Gross Domestic Product —		
Total	123	These estimates show the values of gross domestic product and some of its main aggregates revalued in such a way that the direct effects of price changes which have occurred over the periods under review have been removed. In concept, they may be thought of as being derived by expressing the value of every component commodity as the product of a price and a quantity, and then by substituting for each actual current price the corresponding average price for the base year 1974-75. Aggregates at average 1974-75 prices for each period are then obtained by summation. For many components it is not possible in practice to use this method of revaluation because quantity data is not available. The method adopted is to use independently constructed composite price indexes to effect the revaluation in these cases. (5205.0; 5206.0; 5207.0)
Gross farm product	125	
Gross non-farm product	127	
Gross National Expenditure	129	
Final Consumption Expenditure —		
Private	131	
Government	133	
Gross Fixed Capital Expenditure —		
Total	135	
Private	137	
Public	139	
Increase in Stocks —		
Private non-farm	141	

\* See page 168 for key.

APPENDIX B — *continued*

## KEY TO BUREAU PUBLICATION CATALOGUE NUMBERS

*Catalogue  
No.***General —**

- 1304.0 Monthly Review of Business Statistics. (monthly)
- 1305.0 Digest of Current Economic Statistics. (monthly)

**National Accounts —**

- 5205.0 Quarterly Estimates of National Income and Expenditure (Preliminary). (quarterly)
- 5206.0 Quarterly Estimates of National Income and Expenditure. (quarterly)

**Overseas Trade and Balance of Payments —**

- 5302.0 Balance of Payments. (quarterly)
- 5303.0 Balance of Payments. (annual)
- 5401.0 Exports and Imports (Preliminary). (monthly)
- 5404.0 Exports. (monthly)
- 5406.0 Imports. (monthly)
- 5421.0 Exports and Imports of Merchandise at Constant Prices. (quarterly)

**Finance —**

- 5602.0 Savings Banks (Preliminary). (monthly)
- 5603.0 Major Trading Banks (Preliminary). (monthly)
- 5605.0 Banking. (quarterly)
- 5608.0 Housing Finance for Owner Occupation, Savings Banks and Trading Banks. (monthly)
- 5610.0 Housing Finance for Owner Occupation, Permanent Building Societies. (monthly)
- 5625.0 New Capital Expenditure by Private Enterprises in Australia (Preliminary). (quarterly)
- 5626.0 New Capital Expenditure by Private Enterprises in Australia. (quarterly) (a)

**Labour, Wages and Employment —**

- 6202.0 The Labour Force (Preliminary). (monthly)
- 6203.0 The Labour Force. (quarterly)
- 6204.0 The Labour Force. (annual)
- 6212.0 Employed Wage and Salary Earners : Australia (Preliminary). (monthly)
- 6213.0 Employment and Unemployment. (monthly)
- 6302.0 Average Weekly Earnings. (quarterly)
- 6312.0 Wage Rates. (monthly)

**Primary Industries —**

- 7204.0 Meat Statistics. (monthly)
- 7205.0 Meat Statistics. (quarterly)
- 7206.0 Meat Statistics. (annual)
- 7208.0 Milk Statistics. (monthly)
- 7209.0 Dairying and Dairy Products. (annual)
- 8404.0 Minerals and Mineral Products. (monthly)

**Secondary Industries —**

- 8301.0 Production Statistics : Australia (Preliminary). (monthly)
- Production Bulletins (monthly) —
- 8357.0 No. 1 Electricity, Gas and Electrical Appliances.
- 8359.0 No. 3 Food, Drink and Tobacco.
- 8360.0 No. 4 Textiles, Bedding and Floor Coverings.
- 8361.0 No. 5 Building Materials and Fittings.
- 8363.0 No. 7 Motor Vehicles, Parts and Accessories.
- 8364.0 No. 8 Miscellaneous Products.

(a) June and December quarter issues contain, in addition, details of maintenance expenditure and details of expected new capital expenditure for the ensuing six months.

APPENDIX B — *continued*KEY TO BUREAU PUBLICATION CATALOGUE NUMBERS — *continued*


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*Catalogue  
No.*

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**Retail Trade —**

- 8501.0 Retail Sales of Goods : Australia (Provisional). (monthly)
- 8502.0 Retail Sales of Goods : Australia (Preliminary). (quarterly)
- 8503.0 Retail Sales of Goods . (quarterly)

**Building —**

- 8702.0 Building Approvals : Australia.(monthly)
- 8703.0 Building Statistics, Australia : Number of New Dwellings (Preliminary). (quarterly)
- 8705.0 Building Statistics. (quarterly)

**Transport and Communication —**

- 9301.0 Registrations of New Motor Vehicles : Australia (Preliminary). (monthly)
- 9303.0 Motor Vehicle Registrations. (quarterly)
- 9304.0 Motor Vehicle Registrations. (annual)



## APPENDIX C

## METHODS OF ADJUSTMENT EMPLOYED

The seasonally adjusted series given in this bulletin and other publications of the Bureau have been calculated by means of computer programs of the Census Method II, X-11 Variant (for monthly series) and the X-11Q Variant (for quarterly series). As described in paragraphs 16 to 18 of the "Notes on Seasonal Adjustment Methods", the manner in which these programs have been employed for each series depends on the selection made from among alternative optional procedures allowed for in the programs. The selection of program options has been guided by the evidence of special analyses made for each individual series.

Users should particularly note whether use has been made of trading-day adjustment and of prior adjustment for the effects of movable holidays, namely Easter and Australia Day, since their application can materially affect the results obtained and the interpretation to be placed on them. Adjustments for trading-day effects and the effects of movable Easter and Australia Day holidays have been applied to series where special analyses made beforehand have shown that variations, arising from these effects, in the number of trading or working days in the month have significantly affected the series. For some of the series subject to trading-day adjustment, however, the results of analyses have not warranted further adjustment for Easter or Australia Day affects.

In seasonally adjusting the series by means of the X-11 and X-11Q programs certain program options not referred to in the table below were used. Details of these options are:

- (1) Multiplicative adjustment has been used for all series with the exception of some components of the National Accounts series.
- (2) Trading-day adjustments, where applied to monthly series, have been based upon prior daily weights derived from analyses made beforehand and applied to the entire series. Where trading-day adjustments have been applied, allowance for the length of month or quarter has been combined with trading-day factors.
- (3) Prior adjustment has been used only for purposes referred to in the following tables.
- (4) The program routine for adjusting the trend for the effect of severe industrial disputes has not been used for any series.
- (5) Limits for the graduated treatment of extremes of 1.5 and 2.5 standard errors have been used for all series with the exception of *job vacancies registered* (where the limits used have been 1.8 and 2.8 standard errors), *taxation revenue* (where the limits used have been 2.2 and 3.5 standard errors) and *civilian employees* (where the limits used have been 3.5 and 6.0 standard errors).

Moving averages for trend in monthly series are options specified in accordance with moving averages selected by the X-11 program in analyses made beforehand. Moving averages for monthly seasonal factors are standard (3x5-term) except where alternative options are specified. The X-11Q program has only standard moving averages for trend (5-term) and seasonal factors (3x5-term).

Some of the components of the National Accounts series were not amenable to adjustment by the X-11Q program, and special adjustments were used. The special methods are described in Table 2. For those components which were adjusted by the X-11Q program, use was made only of standard limits for graduated treatment of extremes.

The application of other X-11 and X-11Q program options for each seasonally adjusted Australian series published by the Bureau in this or other publications is as set out in the following tables.

## APPENDIX C — continued

TABLE 1

NOTE. For terminology refer to paragraphs 16 to 18 of Appendix A.

Series description	Page No.	Number of terms used in moving averages for		Adjustment made for			
		Trend	Seasonal factors	Trading day variation	Easter	Australia Day	Other influences
<b>PRODUCTION —</b>							
Black coal	26	13	3x9	(a)	(a)	(a)	(a)
Electricity	27	13+	3x9+	yes	yes	yes	no
Gas	28	13	3x5*	yes	no	no	yes (b)
Raw steel	29	13	3x9	yes	no	no	no
Pig iron	**	13	3x9	yes	no	no	no
Blooms and slabs	**	13	3x9	yes	yes	yes	no
Tinplate	**	13	3x9	yes	no	no	no
Cement	30	23+	3x9	yes	yes	no	yes (c)
Clay bricks	31	13	3x9	yes	yes	yes	yes (c)
Sulphuric acid	**	13	3x9	yes	no	yes+	yes (d)
Motor vehicles	32	13	3x9	yes	yes	yes	yes (c)(e)
Cars and station wagons	**	13	3x9	yes	yes	no	yes (c)(e)
Utilities and panel vans	**	13	3x9	no	yes	no	yes (c)(e)
Trucks and truck type vehicles	**	13	3x9	yes	yes+	no	yes (c)(e)
Electric motors under 720W	33	13	3x9	yes(f)	yes	yes	yes (e)
Electric motors 720W and over	**	13	3x9	no	yes	yes	yes (c)(e)
Internal combustion engines	**	13	3x5*	no	yes+	no	yes (g)
Lawn mowers	**	13	3x5*	no	no	no	yes (g)
Domestic refrigerators	34	13	3x9	yes	yes	yes	yes (c)(e)(h)+
Clothes washing machines	**	13	3x9	yes	yes	yes	yes (e)
Radio sets	**	13	3x9	yes	yes	yes	yes (e)
Television sets	35	13	3x5*	yes	yes	yes	yes (e)
Floor coverings	36	13	3x9	yes	yes	yes	yes (e)
Particle board	**	13	3x5*	no	no	no	yes (c)
Cotton woven cloth	37	13	3x9	yes(f)	yes	yes	yes (e)
Woollen and worsted woven cloth	**	13	3x9	yes	yes	yes	yes (c)(e)+
Synthetic fibre woven cloth	38	13	3x9	yes	yes	no	yes (c)(e)+
Cellulosic fibre woven cloth	**	13	3x9	yes	yes	no	yes (c)(e)+
Cotton yarn	**	13	3x9	yes	yes	no	yes (e)
Woollen yarn	**	13	3x9	yes	yes	no	yes (c)(e)(i)
Beer	**	23	3x9	yes	yes	yes	no
Tobacco and cigarettes	**	23	3x9	yes	yes	yes	yes (c)(e)
Chocolate-based confectionery	**	13	3x9	yes	yes	yes	no
Other confectionery	**	13	3x9	yes	yes	yes	no
Confectionery †	39	..	..	..	..	..	..
Beef	**	13	3x9+	yes	yes	yes	no
Veal	**	13	3x9+	yes	yes	no	no
Mutton	**	13	3x9+	yes	yes	yes	no
Lamb	**	13	3x9+	yes	yes	no	no
Pigmeat	**	13	3x9+	yes	yes	yes	no
Total meat†	40	..	..	..	..	..	..
Whole milk	41	13	3x5*	yes	no	no	no
<b>OVERSEAS TRANSACTIONS —</b>							
<b>Recorded Trade —</b>							
Total exports†	42	..	..	..	..	..	..
Total imports†	43	..	..	..	..	..	..
Exports of wool	**	13	3x9	yes	yes	yes	no

For footnotes see end of table.

## APPENDIX C — continued

TABLE 1 — continued

Series description	Page No.	Number of terms used in moving averages for		Adjustment made for			
		Trend	Seasonal factors	Trading day variation	Easter	Australia Day	Other influences
<b>OVERSEAS TRANSACTIONS —cont'd</b>							
<b>Exports and Imports of Merchandise at Current Prices —</b>							
Exports of merchandise†	44	..	..	..	..	..	..
Imports of merchandise	46	5*	3x5*	no	no	no	no
<b>Exports and Imports of Merchandise at Average 1974-75 Prices —</b>							
Exports of merchandise†	45	..	..	..	..	..	..
Imports of merchandise	47	5*	3x5*	no	no	no	no
<b>Balance of Payments, Current Account —</b>							
Visible trade —							
Exports f.o.b.	**	5*	3x5*	no	no	no	no
Imports f.o.b.	**	5*	3x5*	no	no	no	no
Balance of trade†	48	..	..	..	..	..	..
Invisible credits —							
Gold production†	**	..	..	..	..	..	..
Transportation†	**	..	..	..	..	..	..
Travel	**	5*	3x5*	no	no	no	yes (j)
Government†	**	..	..	..	..	..	..
Miscellaneous†	**	..	..	..	..	..	..
Property income†	**	..	..	..	..	..	..
Transfers†	**	..	..	..	..	..	..
Total invisible credits†	49	..	..	..	..	..	..
Invisible debits —							
Freight on imports	**	5*	3x5*	no	no	no	no
Other transportation†	**	..	..	..	..	..	..
Travel	**	5*	3x5*	no	no	no	yes (k)
Government†	**	..	..	..	..	..	..
Miscellaneous†	**	..	..	..	..	..	..
Property income —							
Undistributed investment income†	**	..	..	..	..	..	..
Other investment income†	**	..	..	..	..	..	..
Royalties and copyrights	**	5*	3x5*	no	no	no	no
Government transfers†	**	..	..	..	..	..	..
Private transfers†	**	..	..	..	..	..	..
Total invisible debits†	50	..	..	..	..	..	..
Net invisibles†	**	..	..	..	..	..	..
Balance on current account†	51	..	..	..	..	..	..
<b>International Liquidity —</b>							
Official reserve assets†	52	..	..	..	..	..	..
<b>OVERSEAS ARRIVALS AND DEPARTURES —</b>							
Short term visitors arriving†	**	..	..	..	..	..	..
Total arrivals†	**	..	..	..	..	..	..
Short term Australian residents departing†	**	..	..	..	..	..	..
Total departures†	**	..	..	..	..	..	..

For footnotes see end of table.

## APPENDIX C — continued

TABLE 1 — continued

Series description	Page No.	Number of terms used in moving averages for		Adjustment made for			
		Trend	Seasonal factors	Trading day variation	Easter	Australia Day	Other influences
<b>EMPLOYMENT AND LABOUR —</b>							
<b>Employed Persons —</b>							
Males	58	5*	3x5*	no	no	no	yes (l)
Married women	**	5*	3x5*	no	no	no	no
All females	59	5*	3x5*	no	no	no	yes (l)
Persons	60	5*	3x5*	no	no	no	yes (l)
<b>Civilian Labour Force —</b>							
Males	53	5*	3x5*	no	no	no	yes (l)(m)
Married women	**	5*	3x5*	no	no	no	yes (m)
All females	54	5*	3x5*	no	no	no	yes (l)(m)
Persons	55	5*	3x5*	no	no	no	yes (l)(m)
<b>Participation rates —</b>							
Males	56	5*	3x5*	no	no	no	yes (l)(m)
Married women	**	5*	3x5*	no	no	no	yes (m)
All females	57	5*	3x5*	no	no	no	yes (l)(m)
Persons	**	5*	3x5*	no	no	no	yes (l)(m)
<b>Civilian Employees —</b>							
Males †	61	..	..	..	..	..	..
Females †	62	..	..	..	..	..	..
Persons †	63	..	..	..	..	..	..
Private — Persons †	64	..	..	..	..	..	..
Government — Persons †	65	..	..	..	..	..	..
Construction — Persons	66	9	3x5*	no	no	no	yes (n)(o)
Manufacturing — Persons	67	9	3x5*	no	no	no	yes (n)(p)
Wholesale and retail trade — Persons	68	9	3x5*	no	no	no	yes (n)(o)(p)(q)(r)
Transport and storage — Persons	69	9	3x5*	no	no	no	yes (n)
Finance, insurance, real estate and business services — Persons	70	9	3x5*	no	no	no	yes (n)(o)
<b>Job Vacancies Registered —</b>							
Adults †	71	..	..	..	..	..	..
Juniors †	72	..	..	..	..	..	..
Total †	73	..	..	..	..	..	..
<b>Factory Overtime</b>	74	9	3x5*	no	yes	no	yes (s)
<b>WAGES AND SALARIES —</b>							
Average weekly earnings per employed male unit	75	5*	3x5*	no	no	no	yes (t)
Average weekly ordinary time earnings, full-time adult males (other than managerial, etc. staff)	**	5*	3x5*	no	no	no	yes (t)

For footnotes see end of table.

## APPENDIX C — continued

TABLE 1 — continued

Series description	Page No.	Number of terms used in moving averages for		Adjustment made for			
		Trend	Seasonal factors	Trading day variation	Easter	Australia Day	Other influences
<b>INTERNAL TRADE —</b>							
<b>Quarterly Retail Sales at Current Prices —</b>							
Food and drink	76	5*	3x5*	yes	yes	no	yes (u)(v)
Groceries	**	5*	3x5*	yes	yes	no	yes (u)(v)
Butchers' meat	**	5*	3x5*	yes	yes	no	yes (u)(v)
Other food	**	5*	3x5*	yes	yes	no	yes (u)(v)
Total food and groceries	**	5*	3x5*	yes	yes	no	yes (u)(v)
Beer, wine and spirits	**	5*	3x5*	yes	yes	no	yes (u)(v)
Clothing, hardware, electrical, etc.	78	5*	3x5*	yes	yes	no	yes (u)(v)(w)
Clothing and drapery	**	5*	3x5*	yes	yes	no	yes (u)(v)
Footwear	**	5*	3x5*	yes	yes	no	yes (u)(v)(x)
Hardware, china and glassware	**	5*	3x5*	yes	yes	no	yes (u)(v)(y)
Electrical goods	**	5*	3x5*	yes	yes	no	yes (u)(v)
Furniture and floor coverings	**	5*	3x5*	yes	yes	no	yes (u)(v)(w)
All other goods (excl. motor vehicles, parts, petrol, etc.)	80	5*	3x5*	yes	yes	no	yes (u)(v)
Chemists' goods	**	5*	3x5*	yes	yes	no	yes (u)(v)
Newspapers, books and stationery	**	5*	3x5*	yes	yes	no	yes (u)(v)
Other goods (excl. motor vehicles, parts, petrol, etc.)	**	5*	3x5*	yes	yes	no	yes (u)(v)
All items (excl. motor vehicles, parts, petrol, etc.)	82	5*	3x5*	yes	yes	no	yes (u)(v)
<b>Quarterly Retail Sales at Constant Prices —</b>							
Food and drink	77	5*	3x5*	yes	yes	no	yes (u)(v)(z)
Clothing, hardware, electrical, etc.	79	5*	3x5*	yes	yes	no	yes (u)(v)(w)(z)
All other goods (excl. motor vehicles, parts, petrol, etc.)	81	5*	3x5*	yes	yes	no	yes (u)(v)(z)
All items (excl. motor vehicles, parts, petrol, etc.)	83	5*	3x5*	yes	yes	no	yes (u)(v)(z)
<b>Monthly Retail Sales —</b>							
All items (excl. motor vehicles, parts, petrol, etc.)	84	9	3x5*	yes+	yes	yes	yes (e)(aa)(ab) (ac)(ad)(ae)
<b>Registrations of New Motor Vehicles —</b>							
Cars and station wagons	85	13	3x9+	yes	yes	no	no
Other vehicles	86	13	3x9+	yes	yes	no	no
Total †	87	..	..	..	..	..	..
<b>New Wheeled Tractors Sold for Agricultural Purposes</b>	**	5*	3x5*	no	yes	no	yes (e)(af)
<b>ROAD TRAFFIC ACCIDENTS INVOLVING CASUALTIES —</b>							
Persons killed — monthly	**	23	3x9	yes	yes	yes	no
Persons killed — quarterly	**	5*	3x5*	no	no	no	no
Persons injured	**	5*	3x5*	no	no	no	no
Number of accidents	**	5*	3x5*	no	no	no	no

For footnotes see end of table.

## APPENDIX C — continued

TABLE 1 —continued

Series description	Page No.	Number of terms used in moving averages for		Adjustment made for			
		Trend	Seasonal factors	Trading day variation	Easter	Australia Day	Other influences
<b>BUILDING, ETC. —</b>							
<b>Building Approved —</b>							
Number of —							
Total new dwellings approved	88	13	3x9	yes	yes	yes	yes (e)+
New private dwellings approved	89	13	3x9	yes	yes	yes	yes (e)+
Value of —							
Total new dwellings approved	**	13	3x9	yes	yes	yes	yes (e)+
Other building approved	**	23	3x9	yes	yes	no	no
Private other building approved	**	23	3x9	yes	no	yes	no
Total building approved	90	13	3x9	yes	yes	no	no+
<b>Building Commenced —</b>							
Number of —							
Total new dwellings commenced	91	5*	3x5*	no	no	no	no
New private dwellings commenced	92	5*	3x5*	no	no	no	no
New houses commenced	**	5*	3x5*	no	no	no	no
Other new dwellings commenced	**	5*	3x5*	no	no	no	no
Value of —							
Total new dwellings commenced	93	5*	3x5*	no	no	no	no
Other building commenced	94	5*	3x5*	no	no	no	no
Total building commenced	95	5*	3x5*	no	no	no	no
<b>Building Completed —</b>							
Number of —							
Total new dwellings completed	96	5*	3x5*	no	no	no	no
New private dwellings completed	97	5*	3x5*	no	no	no	no
New houses completed	**	5*	3x5*	no	no	no	no
Other new dwellings completed	**	5*	3x5*	no	no	no	no
Value of —							
Total new dwellings completed	**	5*	3x5*	no	no	no	no
Other building completed	**	5*	3x5*	no	no	no	no
Private other building completed	**	5*	3x5*	no	no	no	no
Total building completed	**	5*	3x5*	no	no	no	no
<b>Value of Work Done on —</b>							
Total new dwellings	98	5*	3x5*	no	no	no	no
New houses	**	5*	3x5*	no	no	no	no
Other new dwellings	**	5*	3x5*	no	no	no	no
Other building	99	5*	3x5*	no	no	no	no
Private other building	**	5*	3x5*	no	no	no	no
Total building	100	5*	3x5*	no	no	no	no

## APPENDIX C — continued

TABLE 1 — continued

Series description	Page No.	Number of terms used in moving averages for		Adjustment made for			
		Trend	Seasonal factors	Trading day variation	Easter	Australia Day	Other influences
<b>BUILDING, ETC. — continued</b>							
<b>Actual New Capital Expenditure by Private Enterprises —</b>							
New buildings and structures —							
Manufacturing	**	5*	3x5*	no	no	no	yes (ag)
Mining	**	5*	3x5*	no	no	no	yes (ag)
Other industries	**	5*	3x5*	no	no	no	yes (ah)
All industries	101	5*	3x5*	no	no	no	yes (ah)
Other new capital equipment —							
Manufacturing	**	5*	3x5*	no	no	no	yes (ag)
Mining	**	5*	3x5*	no	no	no	yes (ag)
Other industries	**	5*	3x5*	no	no	no	yes (ah)
All industries	102	5*	3x5*	no	no	no	yes (ah)
Total new capital expenditure —							
Manufacturing	103	5*	3x5*	no	no	no	yes (ag)
Mining	104	5*	3x5*	no	no	no	yes (ag)
Other industries	105	5*	3x5*	no	no	no	yes (ah)
All industries	106	5*	3x5*	no	no	no	yes (ah)
<b>Expected New Capital Expenditure by Private Enterprises —</b>							
New buildings and structures —							
Manufacturing (ai)	**	5*	3x5*	no	no	no	yes (aj)
Mining ‡	**	..	..	..	..	..	..
Other industries (ai)	**	5*	3x5*	no	no	no	yes (aj)
All industries †	**	..	..	..	..	..	..
Other new capital equipment —							
Manufacturing (ai)	**	5*	3x5*	no	no	no	yes (aj)
Mining ‡	**	..	..	..	..	..	..
Other industries (ai)	**	5*	3x5*	no	no	no	yes (aj)
All industries †	**	..	..	..	..	..	..
Total new capital expenditure —							
Manufacturing (ai)	**	5*	3x5*	no	no	no	yes (aj)
Mining ‡	**	..	..	..	..	..	..
Other industries (ai)	**	5*	3x5*	no	no	no	yes (aj)
All industries †	107	..	..	..	..	..	..
<b>STOCKS OWNED BY PRIVATE ENTERPRISES —</b>							
Manufacturing —							
Food, beverages and tobacco	**	5*	3x5*	no	no	no	yes (ak)(al)
Textiles, clothing and footwear	**	5*	3x5*	no	no	no	yes (ak)(al)
Paper, paper products, printing and publishing	**	5*	3x5*	no	no	no	yes (ak)(al)

## APPENDIX C — continued

TABLE 1 — continued

Series description	Page No.	Number of terms used in moving averages for		Adjustment made for			
		Trend	Seasonal factors	Trading day variation	Easter	Australia Day	Other influences
<b>STOCKS OWNED BY PRIVATE ENTERPRISES — continued</b>							
Manufacturing — continued							
Chemical, petroleum and coal products	**	5*	3x5*	no	no	no	yes (ak)(al)
Basic metal products ‡	**	..	..	..	..	..	..
Transport equipment	**	5*	3x5*	no	no	no	yes (ak)(al)
Fabricated metal products, other machinery and equipment ‡	**	..	..	..	..	..	..
Other manufacturing	**	5*	3x5*	no	no	no	yes (ak)(al)
Total manufacturing	**	5*	3x5*	no	no	no	yes (ak)(al)
Wholesale trade	**	5*	3x5*	no	no	no	yes (ak)(al)
Retail trade †	**	..	..	..	..	..	..
Total	**	5*	3x5*	no	no	no	yes (ak)(al)
<b>FINANCE —</b>							
Taxation Revenue —							
Commonwealth and State Government consolidated revenue funds †	108	..	..	..	..	..	..
Volume of Money —							
Definition M <sub>1</sub> †	109	..	..	..	..	..	..
Definition M <sub>2</sub> †	**	..	..	..	..	..	..
Definition M <sub>3</sub> †	110	..	..	..	..	..	..
Savings Banks —							
Depositors' balances	111	9	3x5*	no	no	no	yes (ak)(an)
Major Trading Banks —							
Total deposits †	112	..	..	..	..	..	..
Loans, advances, etc. (excl. temporary advances to wool buyers, etc.)	**	9	3x5*	no	no	no	yes (ao)
Total loans, advances, etc.	113	9	3x5*	no	no	no	yes (ao)
Liquid assets and Commonwealth Government securities	**	9	3x5*	no	no	no	yes (ao)
New and increased lending commitments †	114	..	..	..	..	..	..
Overdraft limits outstanding	**	9	3x5*	no	no	no	yes (ao)

For footnotes see end of table.

## APPENDIX C – continued

TABLE 1 – continued

Series description	Page No.	Number of terms used in moving averages for		Adjustment made for			
		Trend	Seasonal factors	Trading day variation	Easter	Australia Day	Other influences
FINANCE – continued							
Housing Finance for Owner Occupation, Loans Approved to Individuals for Construction or Purchase of Dwellings –							
Construction of dwellings and purchase of newly erected dwellings –							
Number of dwelling units for which loans have been approved by –							
Savings banks	115	13	3x9	yes	yes	no	no
Trading banks	116	13	3x9	yes	yes	no	no
Permanent building societies	117	9	3x5*	yes	no	no	no
Value of loans approved by –							
Savings banks	**	13	3x9	yes	yes	no	no
Trading banks	**	13	3x9	yes	yes	no	no
Permanent building societies	**	9	3x5*	yes	no	no	no
Purchase of established dwellings –							
Number of dwelling units for which loans have been approved by –							
Savings banks	**	9	3x5*	yes	yes	no	no
Trading banks	**	9	3x5*	yes	yes	no	no
Permanent building societies	**	9	3x5*	yes	no	no	no
Value of loans approved by –							
Savings banks	**	9	3x5*	yes	yes	no	no
Trading banks	**	9	3x5*	yes	yes	no	no
Permanent building societies	**	9	3x5*	yes	no	no	no
Total –							
Number of dwelling units for which loans have been approved by –							
Savings banks †	**	..	..	..	..	..	..
Trading banks †	**	..	..	..	..	..	..
Permanent building societies †	**	..	..	..	..	..	..
Value of loans approved by –							
Savings banks †	118	..	..	..	..	..	..
Trading banks †	119	..	..	..	..	..	..
Permanent building societies †	120	..	..	..	..	..	..

For footnotes see end of table.

## APPENDIX C — continued

TABLE 1 — continued

Series description	Page No.	Number of terms used in moving averages for		Adjustment made for			
		Trend	Seasonal factors	Trading day variation	Easter	Australia Day	Other influences
<b>NATIONAL ACCOUNTS AT CURRENT PRICES —</b>							
Household Outlay —							
Consumer debt interest	**	5*	3x5*	no	no	no	yes (ap)
<b>Gross Operating Surplus —</b>							
Trading Enterprises —							
Companies †	142	..	..	..	..	..	..
Dwellings owned by persons	**	5*	3x5*	no	no	no	no
Public enterprises	**	5*	3x5*	no	no	no	no
Other †	143	..	..	..	..	..	..
Financial enterprises less imputed bank service charge	**	5*	3x5*	no	no	no	yes (aq)
<b>Final Consumption Expenditure —</b>							
Private —							
Food	**	5*	3x5*	yes	yes	no	no
Purchase of motor vehicles	**	5*	3x5*	no	no	no	no
Rent ‡	**	..	..	..	..	..	..
Government	132	5*	3x5*	no	no	no	no
<b>Gross Fixed Capital Expenditure —</b>							
Private —							
Dwellings	**	5*	3x5*	no	no	no	no
Other building and construction	**	5*	3x5*	no	no	no	no
All other	**	5*	3x5*	no	no	no	no
Public —							
General government	**	5*	3x5*	no	no	no	no
Wages, Salaries and Supplements	121	5*	3x5*	no	no	no	yes (t)

All other **current price** series are adjusted aggregatively. See Table 2.

**NATIONAL ACCOUNTS AT AVERAGE 1974-75 PRICES**

As far as possible, these series have been adjusted using methods similar to those used for the corresponding **current price** series. For details of differences in the method used see Table 2.

\* These are X-11 program standard procedures which are employed unless an alternative is specified. The X-11 Q program has only standard program-selected moving averages for trend and seasonal factors.

\*\* Series not published in this bulletin.

+ Denotes change in option or method previously selected for the adjustment of a series.

† Series aggregatively adjusted. See Table 2.

‡ Seasonally insignificant. Original series used.

- (a) The influence of trading-day variation together with major public holidays and patterns of annual leave which may vary from year to year.
- (b) An abrupt change in seasonality affecting most months from February 1970, due to the introduction of natural gas.
- (c) An abrupt change in seasonality affecting mainly January due to the extension of statutory leave in January 1975.
- (d) Two abrupt changes in seasonality, one affecting mainly June and July from June 1968, due to change in the pattern of annual leave and plant maintenance arrangements, and the other from June 1972.
- (e) An abrupt change in the seasonality affecting mainly December and January due to the extension of statutory annual leave in October 1963.

APPENDIX C — *continued*TABLE 1 — *continued*

- (f) In the adjustment, account was taken of an abrupt change in trading-day pattern.
- (g) An adjustment to the level of the series in May, June and July 1974 to remove a major fluctuation which was distorting the estimates of the seasonal pattern. This fluctuation remains in the seasonally adjusted series.
- (h) An abrupt change in the seasonality affecting mainly January from 1972 due to changes in production patterns.
- (i) An abrupt change in seasonality affecting all months from December 1971.
- (j) An abrupt change in seasonality from the September quarter 1967 to the December quarter 1971 due to U.S. troops spending their rest and recreation leave in Australia.
- (k) An abrupt change in seasonality from 1963-64.
- (l) An abrupt change in level from August 1971 due to the exclusion of trainee teachers from estimates of the labour force.
- (m) An abrupt change in level and seasonality affecting all quarters from February 1975 due to a change in definition of unemployed persons.
- (n) An abrupt change in level from June 1971 due to the adoption of new benchmarks derived from the 1971 Population Census.
- (o) An abrupt change in seasonality from June 1971 due to the adoption of new benchmarks derived from the 1971 Population Census.
- (p) An abrupt change in level from June 1966 due to the adoption of new labour force definitions for the 1966 Population Census.
- (q) An abrupt change in seasonality from June 1966 due to the adoption of new labour force definitions for the 1966 Population Census.
- (r) An abrupt change in seasonality from June 1971 due to the adoption of new classifications of industry.
- (s) The effects of public holidays which fall within the survey week.
- (t) The effects of major awards and determinations of Australian and State industrial authorities. (The effects of these awards and determinations are retained in the seasonally adjusted data.) Also, allowance was made for the varying incidence of fortnightly pay periods.
- (u) An abrupt change in level from December quarter 1972 due to the introduction of series based on the 1968-69 Census of Retail Establishments.
- (v) An abrupt change in level from September quarter 1975 due to introduction of series based on the 1973-74 Census of Retail Establishments.
- (w) An abrupt change in seasonality from March quarter 1973.
- (x) An abrupt change in seasonality affecting the June and September quarters from June quarter 1973.
- (y) An abrupt change in seasonality affecting all quarters except June from September 1963 and an abrupt change in seasonality affecting all quarters from December quarter 1972 due to the introduction of series based on the 1968-69 Census of Retail Establishments.
- (z) An abrupt change in level from September quarter 1975 due to the introduction of data based on 1974-75 prices.
- (aa) Separate trading-day weights have been derived for the periods up to December 1968 and from January 1969 because of apparent changes in trading pattern.
- (ab) An abrupt change in level from July 1969 due to the introduction of series based on the 1968-69 Census of Retail Establishments.
- (ac) An abrupt change in seasonality affecting October, November and December from October 1971.
- (ad) An abrupt change in seasonality from July 1969 due to a change in the estimation procedures for new businesses.
- (ae) An abrupt change in level from April 1976 due to the introduction of series based on the 1973-74 Census of Retail Establishments.
- (af) An abrupt change in seasonality affecting all quarters except June from September quarter 1967.
- (ag) An abrupt change in the level of the series from December quarter 1973 associated with the introduction of the integrated capital expenditure survey.
- (ah) An abrupt change in the level and seasonality from December quarter 1973 associated with the introduction of the integrated capital expenditure survey and the exclusion of construction.

- (ai) This half-yearly series has been seasonally adjusted by applying the standard X-11Q program to the quarterly series obtained by allocating the figures for the half-year ended June to the June quarter and the other half-year to the December quarter, while the March and September quarter figures are calculated to have no significant seasonality. The adjustment factors for the June and December quarters are then applied to the half-yearly series.
- (aj) An abrupt change in the level of the series from the half-year ended June 1974 associated with the introduction of the integrated capital expenditure survey.
- (ak) An abrupt change in the level of the series from the June quarter 1973 due to the introduction of the integrated stocks survey and the adoption of new classifications of industry.
- (al) An abrupt change in level from the June quarter 1976 associated with the 1976 sample revision.
- (am) Effects of twelve-weekly and four-weekly payments of child-endowment and twelve-weekly payments of war pension paid directly into savings bank accounts.
- (an) An abrupt change in the level of the series from June 1975 due to a change in accounting procedures by one bank.
- (ao) An abrupt change in the level of the series from July 1973 due to the exclusion of Papua New Guinea data from the figures.
- (ap) An abrupt change in seasonality affecting June and September quarters from June quarter 1973.
- (aq) An abrupt change in seasonality from September quarter 1971 and an abrupt change in seasonality affecting all quarters except September quarter from June quarter 1974.

## APPENDIX C — continued

TABLE 2. AGGREGATIVELY ADJUSTED SERIES

It should be noted that, except where otherwise stated, the directly adjusted quarterly series referred to in the table below have been seasonally adjusted multiplicatively by the X-11Q program using *standard* program options, namely 5-term trend moving average, 3x5-term seasonal moving average, and limits for graduated treatment of extremes of 1.5 & 2.5 standard deviations.

<i>Series description</i>	<i>Page No.</i>	<i>Methods employed</i>
<b>PRODUCTION —</b>		
Confectionery	39	The sum of <i>chocolate-based confectionery</i> and <i>other confectionery</i> . (See Table 1.)
Total meat	40	The sum of <i>beef, veal, mutton, lamb</i> and <i>pigmeat</i> . (See Table 1.)
<b>OVERSEAS TRANSACTIONS —</b>		
<b>Recorded Trade —</b>		
Total exports	42	The sum of <i>exports through mainports</i> and <i>exports through outports</i> . (Both adjusted multiplicatively using a 13-term trend moving average, a 3x5-term seasonal moving average, standard limits for graduated treatment of extremes, and an adjustment for trading-day variation.)
Total imports	43	The sum of <i>imports through mainports</i> and <i>imports through outports</i> . (Both adjusted by first removing imports of large items, and then adjusting the residual multiplicatively using a 13-term trend moving average, a 3x5-term seasonal moving average, standard limits for graduated treatment of extremes, and an adjustment for trading-day variation. Finally the unadjusted component, imports of large items, is added back to the series.)
Exports of Merchandise at Current Prices	44	The sum of <i>rural</i> and <i>non-rural</i> . (Both directly adjusted.)
Exports of Merchandise at Average 1974-75 Prices	45	The sum of <i>rural</i> and <i>non-rural</i> . (Both directly adjusted.)
<b>Balance of Payments —</b>		
Visible trade —		
Exports f.o.b.	**	Directly adjusted, see Table 1.
Imports f.o.b.	**	Directly adjusted, see Table 1.
Balance of trade	48	The difference between <i>exports f.o.b.</i> and <i>imports f.o.b.</i>
Invisible credits —		
Gold production	**	Directly adjusted (with a prior correction for an abrupt change in seasonality affecting all quarters except March from September quarter 1964) up to June quarter 1969. From September quarter 1969 until December quarter 1975 adjusted by subtracting <i>imports of gold</i> from <i>exports of gold</i> (both directly adjusted). From March quarter 1976 <i>exports of gold</i> and <i>imports of gold</i> are included in the relevant visible trade items.
Transportation	**	The sum of <i>expenditure of overseas shipping</i> , <i>expenditure of overseas airlines</i> (both not adjusted) and <i>receipts of Australian carriers</i> (directly adjusted).
Travel	**	Directly adjusted, see Table 1.
Government	**	The sum of <i>Australian government services to non-residents</i> (directly adjusted) and two components of foreign government expenditure (one directly adjusted and the other not adjusted).
Miscellaneous	**	The sum of <i>business expenses of foreign companies</i> (not adjusted) and <i>other</i> (directly adjusted).
Property income	**	The sum of <i>interest on international reserves</i> and <i>IMF income</i> (directly adjusted) and <i>other</i> (not adjusted).
Transfers	**	The sum of <i>immigrants' funds</i> and <i>pensions</i> (both directly adjusted), and <i>other</i> (not adjusted).
Total invisible credits	49	The sum of the seven individual credit items above.

\*\* Series not published in this bulletin.

## APPENDIX C – continued

TABLE 2. AGGREGATIVELY ADJUSTED SERIES – continued

<i>Series description</i>	<i>Page No.</i>	<i>Methods employed</i>
<b>OVERSEAS TRANSACTIONS – contd</b>		
<b>Balance of payments – continued</b>		
Invisible debits –		
Freight on imports	**	Directly adjusted, see Table 1.
Other transportation	**	The sum of <i>shipping fares, receipts of overseas airlines plus assisted passages and other</i> (all three directly adjusted).
Travel	**	Directly adjusted, see Table 1.
Government	**	The sum of <i>defence expenditure and other</i> (both directly adjusted).
Miscellaneous	**	The sum of <i>reinsurance premiums</i> (not adjusted), and <i>business expenses of Australian companies and other</i> (both directly adjusted).
Property income –		
Undistributed investment income	**	Not adjusted.
Other investment income	**	The sum of <i>portfolio dividends and interest, interest on public authority debt and remitted profits and interest</i> (all three directly adjusted), with account taken of unusually high values in the last of these series.
Royalties and copyrights	**	Directly adjusted, see Table 1.
Government transfers	**	The sum of <i>Papua New Guinea, pensions and other</i> (all three directly adjusted), with account taken of large single transfers in the latter adjustment.
Private transfers	**	The sum of <i>emigrants' funds</i> (not adjusted) and <i>other</i> (directly adjusted).
Total invisible debits	50	The sum of the ten individual debit items above.
Net invisibles	**	The difference between <i>invisible credits</i> and <i>invisible debits</i> .
Balance on current account	51	The sum of <i>balance of trade</i> and <i>net invisibles</i> .
<b>International Liquidity –</b>		
Official reserve assets	52	Adjusted by first removing the components <i>allocated special drawing rights, gold and reserve position in the IMF</i> ; then adjusting the residual ( <i>foreign exchange</i> ) multiplicatively using a 9-term trend moving average, a 3x5-term seasonal moving average, and standard limits for graduated treatment of extremes; and, finally, adding back to this adjusted series the unadjusted components <i>allocated special drawing rights, gold and reserve position in the IMF</i> .
<b>OVERSEAS ARRIVALS AND DEPARTURES –</b>		
Short-term visitors arriving	**	The sum of <i>short-term visitors excluding U.S. troops arriving for rest and recreation leave</i> (adjusted multiplicatively, using a 23-term trend moving average, a 3x9-term seasonal moving average, standard limits for graduated treatment of extremes, with adjustment for trading-day variation and prior adjustment for the effects of the 1962 Commonwealth Games and the 1971 Rotary Convention) and <i>U.S. troops arriving for rest and recreation leave</i> (adjusted only for trading-day variation). Note that the effects of the Rotary Convention, etc. have been included in the seasonally adjusted series.

## APPENDIX C – continued

TABLE 2. AGGREGATIVELY ADJUSTED SERIES – continued

Series description	Page No.	Methods employed
<b>OVERSEAS ARRIVALS AND DEPARTURES – continued</b>		
Total arrivals	**	<p>The sum of <i>total arrivals excluding U.S. troops arriving for rest and recreation leave</i> (adjusted multiplicatively, using a 23-term trend moving average, a 3x9-term seasonal moving average, standard limits for graduated treatment of extremes, with adjustment for trading-day variation and with prior adjustment for the effects of</p> <ul style="list-style-type: none"> <li>(a) the 1962 Commonwealth Games, and the 1971 Rotary Convention,</li> <li>(b) Easter,</li> <li>(c) an abrupt change in seasonality from January 1976 associated with a change in excursion airfare rates applying to certain months),</li> </ul> <p>and <i>U.S. troops arriving for rest and recreation leave</i> (adjusted only for trading-day variation). The effects of the Rotary Convention, etc. have been retained in the seasonally adjusted series.</p>
Short-term Australian residents departing	**	<p>The sum of <i>short-term Australian residents departing by sea</i> (adjusted multiplicatively using a 23-term trend moving average, a 3x9-term seasonal moving average, standard limits for graduated treatment of extremes, with adjustment for trading-day variation and with prior adjustment for the effects of</p> <ul style="list-style-type: none"> <li>(a) Easter,</li> <li>(b) Australia Day,</li> <li>(c) an abrupt change in seasonality associated with the closure of the Suez Canal in June 1967, affecting the months of February, April, September and October),</li> </ul> <p>and <i>short-term Australian residents departing by air</i> (adjusted multiplicatively using a 13-term trend moving average, 3x5-term seasonal moving average, standard limits for graduated treatment of extremes, with adjustment for trading-day variation and with prior adjustment for the effects of</p> <ul style="list-style-type: none"> <li>(a) an abrupt change in seasonality associated with the closure of the Suez Canal in June 1967, affecting the months of June, July, September and November,</li> <li>(b) an abrupt change in seasonality associated with the introduction of the 45/180 day cheap fares to Europe in February 1972, affecting the months of February, April, May, June, July and August,</li> <li>(c) an abrupt change in seasonality from December 1974 associated with a change in excursion airfare rates applying to certain months).</li> </ul>
Total departures	**	<p>The sum of <i>total departures excluding U.S. troops departing from rest and recreation leave</i> (adjusted multiplicatively, using a 23-term trend moving average, a 3x9-term seasonal moving average, standard limits for graduated treatment of extremes, with adjustment for trading-day variation and with prior adjustment for the effects of</p> <ul style="list-style-type: none"> <li>(a) the 1962 Commonwealth Games and the 1971 Rotary Convention,</li> </ul>

APPENDIX C — *continued*TABLE 2. AGGREGATIVELY ADJUSTED SERIES — *continued*

Series description	Page No.	Methods employed
<b>OVERSEAS ARRIVALS AND DEPARTURES — <i>continued</i></b> Total departures — <i>contd</i>		(b) an apparent abrupt change in seasonality associated with the introduction of the 45/180 day cheap fares to Europe in February 1972, affecting the months of February, April, May and August, (c) an abrupt change in seasonality from December 1974 associated with a change in excursion airfare rates applying to certain months), and <i>U.S. troops departing from rest and recreation leave</i> (adjusted only for trading-day variation). The effects of the Rotary Convention, etc. have been retained in the seasonally adjusted series.
<b>EMPLOYMENT AND LABOUR —</b> <b>Civilian Employees —</b> Males	61	The sum of <i>private-males</i> and <i>government-males</i> (both adjusted multiplicatively using a 9-term trend moving average, a 3x5-term seasonal moving average, limits for graduated treatment of extremes of 3.5 and 6.0, with prior correction for the effects of (a) abrupt changes in level and seasonality from June 1966 due to the adoption of new labour force definitions and new benchmarks derived from the 1966 Population Census, (b) abrupt changes in level and seasonality from June 1971 due to the adoption of new labour force definitions and new industry classification for the 1971 Population Census, (c) abrupt changes in level and seasonality from June 1975 due to the change in classification of hospital and marketing board employees, and for the latter only, (d) abrupt changes in level and seasonality from June 1971 due to the exclusion of trainee teachers from estimates of the labour force).
Females	62	The sum of <i>private-females</i> and <i>government-females</i> (both adjusted multiplicatively using a 9-term trend moving average, a 3x5-term seasonal moving average, limits for graduated treatment of extremes of 3.5 and 6.0, with prior correction for the effects of (a) abrupt changes in level and seasonality from June 1966 due to the adoption of new labour force definitions and new benchmarks derived from the 1966 Population Census, (b) abrupt changes in level and seasonality for the latter and just level for the former from June 1971 due to the adoption of new labour force definitions and new industry classifications for the 1971 Population Census, (c) abrupt changes in level and seasonality from June 1975 due to the change in classification of hospital and marketing board employees, and for the latter only, (d) abrupt changes in level and seasonality from June 1971 due to the exclusion of trainee teachers from estimates of the labour force).
Persons	63	The sum of <i>males</i> and <i>females</i> .

## APPENDIX C – continued

TABLE 2. AGGREGATIVELY ADJUSTED SERIES – continued

<i>Series description</i>	<i>Page No.</i>	<i>Methods employed</i>
<b>EMPLOYMENT AND LABOUR – contd</b>		
<b>Civilian Employees – continued</b>		
Private – Persons	64	The sum of <i>private-males</i> and <i>private-females</i> (see above).
Government – Persons	65	The sum of <i>government-males</i> and <i>government-females</i> (see above).
<b>Job Vacancies Registered – Adults</b>	71	The sum of <i>metropolitan-adults</i> and <i>non-metropolitan-adults</i> (both series adjusted multiplicatively using a 9-term trend moving average, a 3x5-term seasonal moving average and limits for graduated treatment of extremes of 1.8 and 2.8).
Juniors	72	The sum of <i>metropolitan-juniors</i> and <i>non-metropolitan-juniors</i> (both series adjusted multiplicatively using a 9-term trend and a 13-term trend moving average respectively, a 3x5 term seasonal moving average, limits for graduated treatment of extremes of 1.8 and 2.8 with prior correction for the former for the effects of an abrupt change in seasonality from October 1967 affecting October, November and December).
Total	73	The sum of <i>adults</i> and <i>juniors</i> .
<b>INTERNAL TRADE –</b>		
<b>Registrations of New Motor Vehicles – Total</b>	87	The sum of the directly adjusted series <i>registrations of new motor vehicles – cars and station wagons</i> and <i>registrations of new motor vehicles – other vehicles</i> . (See Table 1.)
<b>BUILDING, ETC. –</b>		
<b>Expected New Capital Expenditure by Private Enterprises –</b>		
New buildings and structures – All industries	**	The sum of <i>new buildings and structures – mining</i> (unadjusted) and the directly adjusted series <i>new buildings and structures – manufacturing</i> and <i>new buildings and structures – other industries</i> . (See Table 1.)
Other new capital equipment – All industries	**	The sum of <i>other new capital equipment – mining</i> (unadjusted) and the directly adjusted series <i>other new capital equipment – manufacturing</i> and <i>other new capital equipment – other industries</i> . (See Table 1.)
Total new capital expenditure – All industries	107	The sum of <i>total new capital expenditure – mining</i> (unadjusted) and the directly adjusted series <i>total new capital expenditure – manufacturing</i> and <i>total new capital expenditure – other industries</i> . (See Table 1.)
<b>STOCKS OWNED BY PRIVATE ENTERPRISES –</b>		
Retail trade	**	The sum of <i>gas and electricity</i> (unadjusted); and <i>cafes and restaurants</i> and <i>other</i> (both directly adjusted with prior correction for the effects of

\*\* Series not published in this bulletin.

APPENDIX C — *continued*TABLE 2. AGGREGATIVELY ADJUSTED SERIES — *continued*

Series description	Page No.	Methods employed
<b>STOCKS OWNED BY PRIVATE ENTERPRISES — <i>continued</i></b> Retail trade — <i>continued</i>		(a) an abrupt change in level from June quarter 1973 due to the introduction of the integrated stocks survey and adoption of new classifications of industry, and for the latter only, (b) an abrupt change in level from June quarter 1976 associated with the 1976 sample revision).
<b>FINANCE —</b> <b>Taxation Revenue —</b> Commonwealth and State Government consolidated revenue funds	108	<p>The sum of directly adjusted series <i>taxation revenue — gross P.A.Y.E.</i> (adjusted multiplicatively using a 9-term trend moving average, a 3x5-term seasonal moving average, standard limits for graduated treatment of extremes, with adjustment for trading-day variation and with prior correction for the effects of</p> <ul style="list-style-type: none"> <li>(a) abrupt changes in level from October 1970 and from October 1972, associated with decreases in the rate of personal income tax,</li> <li>(b) an abrupt change in seasonal pattern from July 1969, affecting all months except January, February, March, June and December, and</li> <li>(c) an abrupt change in the level of the series from January 1975 due to the introduction of reduced taxation rates),</li> </ul> <p><i>taxation revenue — other individual</i> (adjusted multiplicatively using a 13-term trend moving average, a 3x5-term seasonal moving average, limits for graduated treatment of extremes of 2.2 and 3.5 standard errors, with adjustment for trading-day variation and prior correction for the effects of</p> <ul style="list-style-type: none"> <li>(a) an abrupt change in seasonal pattern associated with later lodgment of returns since 1971, affecting the months of February, March, May, June and November, and</li> <li>(b) an abrupt change in seasonal pattern from July 1975, affecting the months of April, July, August and September),</li> </ul> <p><i>taxation revenue — company tax</i> (adjusted multiplicatively using a 13-term trend moving average, a 3x9-term seasonal moving average, standard limits for graduated treatment of extremes, with adjustment for trading-day variation and with prior correction for the effects of</p> <ul style="list-style-type: none"> <li>(a) Easter,</li> <li>(b) an unusually high value in January 1967; the effects of this value are retained in the seasonally adjusted series,</li> <li>(c) an abrupt change in seasonal pattern associated with the earlier lodgment of returns by companies from 1972, affecting the months of May, June and July, up to December 1973. From January 1974 the series has been specially adjusted), and</li> </ul> <p><i>taxation revenue — total excluding net P.A.Y.E., other individual and company tax</i> (adjusted multiplicatively using a 13-term trend moving average, a 3x5-term seasonal moving average, standard limits for graduated treatment of extremes, with adjustment for trading-day variation and with prior correction for the effects of Easter), less</p>

## APPENDIX C – continued

TABLE 2. AGGREGATIVELY ADJUSTED SERIES – continued

Series description	Page No.	Methods employed
FINANCE – continued Taxation Revenue – continued		<p><i>taxation revenue – P.A.Y.E. refunds</i> (adjusted multiplicatively using a 13-term trend moving average, a 3x5-term seasonal moving average, limits for graduated treatment of extremes of 2.2 and 3.5 standard errors, with adjustment for trading-day variation and with prior correction for the effects of</p> <ul style="list-style-type: none"> <li>(a) Easter,</li> <li>(b) an abrupt change in seasonal pattern associated with the change in due date of tax returns in 1972, affecting the months of February, July, August and October, and</li> <li>(c) abrupt changes in level from July 1975 and July 1977).</li> </ul>
Volume of Money – Definition M <sub>1</sub>	109	<p>The sum of <i>notes and coins in hands of public, current deposits with trading banks</i> (both adjusted multiplicatively using a 9-term trend moving average, a 3x5-term seasonal moving average, standard limits for graduated treatment of extremes with prior correction for the effects of</p> <ul style="list-style-type: none"> <li>(a) an abrupt change in the level of the series from July 1973 due to the exclusion of Papua New Guinea data from the figures,</li> </ul> <p>and for the former only,</p> <ul style="list-style-type: none"> <li>(b) Easter,</li> </ul> <p>and for the latter only,</p> <ul style="list-style-type: none"> <li>(c) variation due to the general business practice of monthly settlement of accounts at or near the end of the month, the perceptible effects of which vary according to the proximity of banks' weekly balancing days (Wednesdays) to the end of the month),</li> </ul> <p>and <i>current deposits with the Reserve Bank of Australia</i> (not adjusted).</p>
Definition M <sub>2</sub>	**	<p>The sum of <i>definition M<sub>1</sub>, fixed deposits with the Reserve Bank of Australia</i> (not adjusted) and <i>fixed deposits with trading banks</i> (adjusted multiplicatively using a 9-term trend moving average, a 3x5-term seasonal moving average, standard limits for graduated treatment of extremes with prior correction for the effects of</p> <ul style="list-style-type: none"> <li>(a) an abrupt change in the level of the series from July 1973 due to the exclusion of Papua New Guinea data from the figures, and</li> <li>(b) an abrupt change in seasonal pattern from March 1971 affecting most months).</li> </ul>
Definition M <sub>3</sub>	110	<p>The sum of <i>definition M<sub>2</sub> and savings banks deposits</i> (adjusted multiplicatively using a 9-term trend moving average, a 3x5-term seasonal moving average, standard limits for graduated treatment of extremes, with prior correction for the effects of</p> <ul style="list-style-type: none"> <li>(a) an abrupt change in the level of the series from July 1973 due to the exclusion of Papua New Guinea data from the figures,</li> <li>(b) twelve-weekly and four-weekly payments of child-endowment and twelve-weekly payments of war pension paid directly into savings banks accounts, and</li> <li>(c) an abrupt change in level from June 1975 due to a change in accounting procedures by one bank).</li> </ul>

## APPENDIX C — continued

TABLE 2. AGGREGATIVELY ADJUSTED SERIES — continued

Series description	Page No.	Methods employed
<b>FINANCE — continued</b>		
Major Trading Banks —		
Total deposits	112	The sum of <i>current deposits</i> and <i>fixed deposits</i> (both adjusted multiplicatively using a 9-term trend moving average, a 3x5-term seasonal moving average, standard limits for graduated treatment of extremes with prior correction for the effects of (a) an abrupt change in the level of the series from July 1973 due to the exclusion of Papua New Guinea data from the figures, and for the former only, (b) variation due to the general business practice of monthly settlement of accounts at or near the end of the month, the perceptible effects of which vary according to the proximity of banks' weekly balancing days (Wednesdays) to the end of the month, and for the latter only, (c) an abrupt change in seasonal pattern from March 1971).
New and increased lending commitments	**	The sum of <i>new and increased lending commitments less term loan</i> (adjusted multiplicatively using a 13-term trend moving average, a 3x5-term seasonal moving average, standard limits for graduated treatment of extremes with prior correction for the effects of (a) an abrupt change in the level of the series from July 1973 due to the exclusion of Papua New Guinea data from the figures), and <i>term loan</i> (unadjusted).
Housing Finance for Owner Occupation, Loans Approved to Individuals for Construction or Purchase of Dwellings —		
Total —		
Number of dwelling units for which loans have been approved by —		The sum of <i>construction of dwellings and purchase of newly erected dwellings</i> and <i>purchase of established dwellings</i> . (See Table 1.)
Savings banks	**	
Trading banks	**	
Permanent building societies	**	
Value of loans approved by —		
Savings banks	118	The sum of <i>construction of dwellings and purchase of newly erected dwellings</i> and <i>purchase of established dwellings</i> . (See Table 1.)
Trading banks	119	
Permanent building societies	120	
<b>NATIONAL ACCOUNTS AT CURRENT PRICES —</b>		
Household Income —		
Wages, salaries and supplements	121	Directly adjusted, see Table 1.
Income of farm unincorporated enterprises	**	<i>Gross farm product at factor cost</i> (see below), less three farm cost series (two directly adjusted and one not adjusted) and <i>farm company income</i> (directly adjusted).

## APPENDIX C – continued

TABLE 2. AGGREGATIVELY ADJUSTED SERIES – continued

<i>Series description</i>	<i>Page No.</i>	<i>Methods employed</i>
<b>NATIONAL ACCOUNTS AT CURRENT PRICES – continued</b>		
<b>Household Income –continued</b>		
Income of other unincorporated enterprises and from dwellings and interest and dividends	**	The sum of <i>income of other unincorporated enterprises, income from dwelling rent, income from dividends, imputed interest on life and superannuation funds and interest from savings received by persons</i> (all directly adjusted) and <i>other interest and rent received by persons</i> (unadjusted).
Third party insurance transfers	**	Not adjusted.
Transfers from overseas	**	The sum of <i>immigrants' funds</i> and <i>other</i> (both adjusted as described for Balance of Payments).
Transfers from general government – Cash benefits	**	The sum of <i>hospital, medical and pharmaceutical benefits and other benefits</i> (both directly adjusted), <i>age and invalid pensions family allowances</i> and <i>war pensions</i> (all specially adjusted).
Unfunded employee retirement benefits	**	Not adjusted.
Total	**	The sum of <i>cash benefits</i> and <i>unfunded employee retirement benefits</i> .
Total	144	The sum of the six preceding series.
<b>Household Outlay –</b>		
Private final consumption	**	See below.
Consumer debt interest	**	Directly adjusted, see Table 1.
Income tax paid	**	The sum of <i>gross P.A.Y.E. less P.A.Y.E. refunds</i> plus <i>other individual tax</i> .
Other direct taxes, fees, fines, etc.	**	The sum of <i>other direct taxes, fees, fines, etc.</i> (directly adjusted) and <i>unfunded employee retirement contributions</i> (unadjusted).
Transfers overseas	**	The sum of <i>emigrants' funds</i> and <i>other</i> (both adjusted as described for Balance of Payments).
Saving	145	The difference between <i>household income</i> and the preceding five series.
Total	**	The sum of the six preceding series.
<b>Gross Operating Surplus –</b>		
Trading enterprises – Companies	142	The difference between <i>gross operating surplus – companies</i> plus <i>stock valuation adjustment</i> (directly adjusted) and <i>stock valuation adjustment</i> (unadjusted).
Other	143	The sum of <i>farm</i> and <i>non-farm</i> . <i>Farm</i> : <i>gross farm product at factor cost</i> (see below), less three <i>farm cost</i> series (two directly adjusted and one not adjusted) and <i>farm company income</i> (directly adjusted). <i>Non-farm</i> : The sum of <i>depreciation of unincorporated enterprises</i> (unadjusted) and two directly adjusted and one unadjusted component series.

## APPENDIX C – continued

TABLE 2. AGGREGATIVELY ADJUSTED SERIES – continued

<i>Series description</i>	<i>Page No.</i>	<i>Methods employed</i>
<b>NATIONAL ACCOUNTS AT CURRENT PRICES – continued</b>		
<b>Gross Operating Surplus – continued</b>		
Financial enterprises less imputed bank service charge	**	Directly adjusted, see Table 1.
<b>Indirect taxes less Subsidies</b>	**	<i>Indirect taxes</i> (directly adjusted) less <i>wheat subsidy</i> and <i>wool subsidy</i> (both specially adjusted) and <i>all other subsidies</i> (directly adjusted).
<b>Gross Domestic Product – Total</b>	122	The sum of the four preceding series and <i>wages, salaries and supplements</i> .
Gross farm product	124	<i>Gross farm product at factor cost</i> plus <i>farm indirect taxes</i> (directly adjusted) less special adjustments of <i>wheat subsidy</i> and <i>wool subsidy</i> , less <i>all other farm subsidies</i> (not adjusted). <i>Gross farm product at factor cost</i> : Sum of four components of <i>gross value of production – wool, wheat, other grain and sugar cane</i> (all four specially adjusted) plus three directly adjusted series, <i>other crops, livestock slaughterings and other livestock products</i> , less <i>wool and wheat stock valuation adjustments</i> (both specially adjusted), <i>wheat marketing costs</i> (specially adjusted) and three other farm cost series (all directly adjusted). The four components of <i>gross value of production – wool, wheat, other grain and sugar cane</i> are adjusted by equal distribution of the production for any financial year over the four quarters of the year ended June. One effect of these methods is that changes in the annual production of these commodities first enter into the seasonally adjusted figures in the September quarter.
Gross non-farm product	126	Difference between <i>gross domestic product</i> and <i>gross farm product</i> . As the <i>farm</i> component is utilised in obtaining <i>gross domestic product</i> , the <i>non-farm</i> component is independent of the special adjustments used in the <i>farm</i> component.
<b>Gross Domestic Product at Factor Cost</b>	**	The difference between <i>gross domestic product</i> and <i>indirect taxes less subsidies</i> .
<b>Exports of Goods and Services</b>	**	The sum of <i>exports f.o.b., gold production, transportation credits, travel credits, government credits and miscellaneous credits</i> (all adjusted as described for Balance of Payments).
<b>Imports of Goods and Services</b>	**	The sum of <i>imports f.o.b., transportation debits, travel debits, government debits and miscellaneous debits</i> (all adjusted as described for Balance of Payments).
<b>Gross National Expenditure</b>	128	The sum of <i>gross domestic product</i> and <i>imports of goods and services</i> less <i>exports of goods and services</i> .

## APPENDIX C – continued

TABLE 2. AGGREGATIVELY ADJUSTED SERIES – continued

<i>Series description</i>	<i>Page No.</i>	<i>Methods employed</i>
<b>NATIONAL ACCOUNTS AT CURRENT PRICES – continued</b>		
<b>Final Consumption Expenditure –</b>		
Private –		
Cigarettes, tobacco and alcoholic drinks	**	The sum of <i>cigarettes and tobacco</i> and <i>alcoholic drinks</i> (both directly adjusted).
Clothing, footwear and drapery	**	The sum of <i>clothing and drapery</i> and <i>footwear</i> (both directly adjusted).
Household durables	**	The sum of <i>electrical goods, hardware</i> and <i>furniture</i> (all three directly adjusted).
Other goods and services	**	The sum of six directly adjusted series.
Total	130	The sum of sixteen component series.
<b>Gross Fixed Capital Expenditure –</b>		
Private	136	The sum of <i>dwellings, other building and construction</i> and <i>all other</i> (all three directly adjusted, see Table 1).
Public –		
Public enterprises	**	The sum of <i>public enterprises less transport equipment</i> (directly adjusted) and <i>transport equipment</i> (unadjusted).
Total	138	The sum of <i>public enterprises</i> and <i>general government</i> (directly adjusted, see Table 1).
Total	134	The sum of <i>private</i> and <i>public</i> .
<b>Increase in Stocks –</b>		
Farm and miscellaneous	**	The sum of book values of six farm series less <i>farm stock valuation adjustment</i> .
Private non-farm	140	The sum of book values of four non-farm series less <i>non-farm stock valuation adjustment</i> .
Total	**	The sum of <i>farm and miscellaneous</i> and <i>private non-farm</i> .
<b>Statistical Discrepancy</b>	**	Balancing item in the seasonally adjusted account.
<b>NATIONAL ACCOUNTS AT AVERAGE 1974-75 PRICES</b>		
		The constant price series have been adjusted by methods similar to those used for the corresponding current price series, the only exceptions being <i>gross domestic product</i> and <i>gross fixed capital expenditure – public</i> (see below).
<b>Gross Domestic Product</b>	123	The sum of <i>farm</i> (similar method of adjustment to that for the current price series) and <i>non-farm</i> (directly adjusted).
<b>Gross Fixed Capital Expenditure – Public</b>	139	The sum of <i>public less transport equipment</i> (directly adjusted) and <i>transport equipment</i> (unadjusted). The original series is the sum of <i>gross fixed capital expenditure – public enterprises</i> and <i>gross fixed capital expenditure – general government</i> .



## APPENDIX D

## MEASURES OF VARIABILITY

The following table shows, for series included in this bulletin and all other Australian series published in seasonally adjusted form by the Bureau, selected measures of variability of the original and seasonally adjusted series, and of component series as computed in the course of seasonal adjustment, i.e. the trend, seasonal and irregular components. A corresponding measure of the variability of trading-day adjustment factors, where applicable, is also shown as well as a measure of the months for cyclical dominance (M.C.D.).

Where prior adjustments have been made (for such effects as the influence of Easter, Australia Day, or an apparent abrupt change in seasonality) their effect is excluded from the measures of variability given below for trend, irregular, seasonal factors and trading-day adjustments.

TABLE 3

Series description	Page No.	Average percentage change without regard to sign:							M. C. D. †
		From month to month * in the						From year to year in the seasonal factors	
		Original series	Seasonally adjusted series	Trend series	Irregular series	Seasonal factors	Trading day adjustment		
<b>PRODUCTION —</b>									
Black coal (a)(b)	26	17.64	4.33	1.02	4.17	2.12	16.00	0.25	5
Electricity (a)	27	5.18	1.38	0.63	1.21	4.47	3.89	0.09	3
Gas (c)	28	8.85	2.75	1.11	2.35	6.29	3.89	0.42	3
Raw steel	29	6.71	4.82	1.05	4.55	2.08	3.84	0.25	6
Pig iron	**	6.97	5.18	1.31	4.75	1.86	3.81	0.27	5
Blooms and slabs (a)	**	6.98	5.17	1.03	5.04	2.64	3.84	0.26	6
Tinplate	**	8.01	6.33	2.19	5.67	2.01	3.94	0.39	3
Cement (a)(c)	30	9.51	3.97	0.51	3.87	8.77	3.89	0.25	6
Clay bricks (a)(c)	31	11.12	2.51	0.96	2.21	13.38	5.70	0.19	3
Sulphuric acid (a)(c)	**	10.34	7.71	2.08	7.25	10.80	4.03	0.50	5
Motor vehicles (a)(c)	32	22.66	6.52	1.78	5.83	27.87	6.68	0.33	4
Cars and station wagons (a)(c)	**	24.60	7.57	1.85	7.07	29.37	6.55	0.38	5
Utilities and panel vans (a)(c)	**	27.26	12.53	3.38	11.79	29.27	..	0.75	5
Trucks and truck type vehicles (a)(c)	**	21.07	8.70	2.38	8.10	27.24	4.92	0.42	4
Electric motors under 720W (a)(c)	33	18.03	4.92	1.78	4.51	17.59	7.29	0.29	3
Electric motors 720W and over (a)(c)	**	22.05	11.43	2.50	10.88	29.04	..	0.66	5
Internal combustion engines (a)(d)	**	30.71	16.04	4.18	15.05	25.91	..	3.00	5
Lawn mowers (d)	**	42.51	18.36	4.09	17.42	35.20	..	3.34	6
Domestic refrigerators (a)(c)	34	17.70	7.18	2.38	6.63	16.98	7.46	0.73	3
Clothes washing machines (a)(c)	**	19.49	6.20	2.04	5.65	20.45	6.15	0.46	4
Radio sets (a)(c)	**	26.01	11.17	3.81	10.49	27.99	4.97	1.04	4
Television sets (a)(c)	35	23.80	6.47	2.47	5.76	23.32	7.27	1.09	3
Floor coverings (a)(c)	36	21.39	6.95	1.96	6.43	20.98	5.39	0.40	4
Particle board (c)	**	19.58	9.08	2.01	8.79	19.42	..	0.74	5
Cotton woven cloth (a)(c)	37	20.45	6.45	1.42	6.06	22.08	7.93	0.37	5
Woollen and worsted woven cloth (a)(c)	**	18.81	5.32	1.78	4.77	22.18	8.87	0.36	3
Synthetic fibre woven cloth (a)(c)	38	18.78	7.38	2.47	6.65	18.22	5.29	0.38	3
Cellulosic fibre woven cloth (a)(c)	**	17.68	6.02	1.47	5.65	18.27	4.90	0.31	5
Cotton yarn (a)(c)	**	21.01	7.38	1.65	7.12	21.01	5.94	0.36	5
Woollen yarn (a)(c)	**	18.16	4.64	1.34	4.22	22.08	8.20	0.19	4
Beer (a)	**	10.21	4.06	0.34	4.01	7.67	6.41	0.30	6
Tobacco and cigarettes (a)(c)	**	15.33	6.16	0.48	6.13	19.32	5.95	0.33	6

For footnotes see end of table.

## APPENDIX D — continued

TABLE 3 — continued

Series description	Page No.	Average percentage change without regard to sign:							M. C. D. †
		From month to month * in the						From year to year in the seasonal factors	
		Original series	Seas- onally adjusted series	Trend series	Irregular series	Seasonal factors	Trading day adjust- ment		
<b>PRODUCTION — continued</b>									
Chocolate-based confectionery (a)	**	21.48	5.84	1.26	5.48	20.24	6.99	0.50	6
Other confectionery (a)	**	15.44	4.37	0.51	4.30	15.25	4.99	0.32	6
Confectionery (a)(e)	39	17.04	4.25	0.50	4.18	15.90	5.87	0.58	6
Beef (a)	**	8.68	4.37	1.98	3.57	6.28	5.69	0.37	3
Veal (a)	**	15.84	6.12	2.27	5.43	12.61	6.33	0.46	3
Mutton (a)	**	8.97	5.41	2.29	4.69	7.01	5.18	0.43	3
Lamb (a)	**	9.54	4.11	1.71	3.55	6.54	5.60	0.39	3
Pigmeat (a)	**	7.59	2.97	0.81	2.86	4.61	5.98	0.27	4
Total meat (a)(e)	40	6.84	3.46	1.44	2.95	4.59	5.59	0.58	3
Whole milk	41	18.07	2.77	1.02	2.34	17.75	4.01	0.51	4
<b>OVERSEAS TRANSACTIONS —</b>									
<b>Recorded Trade —</b>									
Total exports (e)	42	8.41	6.09	1.25	5.90	4.31	4.06	0.56	5
Total imports (e)	43	9.68	6.40	1.61	5.94	5.40	4.73	0.54	4
Exports of wool (a)	**	20.20	10.53	2.92	9.90	13.14	8.02	1.25	4
<b>Exports and Imports of Merchandise at Current Prices —</b>									
Exports of merchandise (e)	44	5.81	5.22	3.76	3.03	3.35	..	0.32	1
Imports of merchandise	46	7.04	5.95	4.55	2.74	4.01	..	0.25	1
<b>Exports and Imports of Merchandise at Average 1974-75 Prices —</b>									
Exports of merchandise (e)	45	6.01	4.54	2.89	3.05	4.43	..	0.38	2
Imports of merchandise	47	5.75	4.82	3.69	2.38	3.32	..	0.21	1
<b>Balance of Payments, Current Account —</b>									
<b>Visible trade —</b>									
Exports f.o.b.	**	7.43	5.53	3.75	3.28	4.25	..	0.38	1
Imports f.o.b.	**	6.71	5.70	4.92	2.20	3.18	..	0.29	1
Balance of trade (e)(f)	48	101	75	60	34	61	..	6	1
<b>Invisible credits —</b>									
Gold production (g)	**	3	4	2	2	3	..	1	2
Transportation (c)(e)	**	4.69	4.03	3.38	1.66	1.66	..	0.11	1
Travel (c)	**	15.95	6.46	4.70	3.41	16.24	..	0.58	1
Government (c)(e)	**	23.94	13.17	5.05	11.46	17.03	..	6.48	2
Miscellaneous (c)(e)	**	15.87	14.84	7.87	11.77	3.46	..	0.79	2
Property income (c)(e)	**	14.25	11.68	6.82	8.41	2.60	..	0.58	2
Transfers (e)	**	7.68	6.95	3.81	4.20	3.02	..	0.48	2
Total invisible credits (c)(e)	49	5.02	4.00	3.01	2.39	2.89	..	0.67	1
<b>Invisible debits —</b>									
Freight on imports	**	6.72	6.01	4.76	3.64	2.57	..	0.42	1
Other transportation (c)(e)	**	9.53	5.40	3.61	3.31	10.55	..	0.85	1
Travel (c)	**	28.30	5.31	3.48	3.21	26.83	..	0.89	1
Government (c)(e)	**	17.99	9.08	4.14	7.79	15.13	..	0.78	2
Miscellaneous (c)(e)	**	11.88	9.86	5.05	7.40	6.25	..	1.10	2

For footnotes see end of table.

## APPENDIX D — continued

TABLE 3 — continued

Series description	Page No.	Average percentage change without regard to sign:							M. C. D. †	
		From month to month * in the						From year to year in the seasonal factors		
		Original series	Seasonally adjusted series	Trend series	Irregular series	Seasonal factors	Trading day adjustment			
<b>OVERSEAS TRANSACTIONS — contd</b>										
<b>Balance of Payments, Current Account — continued</b>										
Invisible debits — continued										
Property income —										
Undistributed investment income (h)	**	10.42	..	..	..	..	..	..	..	..
Other investment income (c)(d)(e)	**	22.58	14.97	5.61	12.30	16.49	..	1.32	2	
Royalties and copyrights	**	16.92	13.06	7.90	8.68	9.53	..	1.62	2	
Government transfers (d)(e)	**	18.57	15.66	6.48	12.17	7.85	..	1.75	2	
Private transfers (c)(e)	**	10.39	7.88	4.54	5.45	4.39	..	0.72	2	
Total invisible debits (c)(e)	50	6.83	4.58	3.03	2.69	4.90	..	0.50	1	
Net invisibles (e)(f)	**	38	26	15	17	27	..	4	2	
Balance on current account (e)(f)	51	93	79	63	36	49	..	8	1	
<b>International Liquidity —</b>										
Official reserve assets (e)	52	3.30	3.08	2.20	1.81	1.19	..	0.39	1	
<b>OVERSEAS ARRIVALS AND DEPARTURES — (c)</b>										
Short-term visitors arriving (d)(e)	**	15.62	4.62	1.17	4.43	14.87	4.07	0.75	4	
Total arrivals (a)(c)(d)(e)	**	17.46	4.65	1.05	4.46	11.56	8.48	0.65	4	
Short-term Australian residents departing (a)(c)(e)	**	28.68	5.69	1.40	5.46	27.47	4.39	1.31	4	
Total departures (c)(d)(e)	**	16.81	5.00	1.06	4.82	14.53	3.98	0.55	4	
<b>EMPLOYMENT AND LABOUR —</b>										
<b>Civilian Labour Force —</b>										
Males (c)(i)	53	0.60	0.46	0.42	0.14	0.65	..	0.02	1	
Married women (c)(i)	**	1.95	1.72	1.60	0.76	1.25	..	0.05	1	
All females (c)(i)	54	1.36	1.28	1.13	0.60	0.97	..	0.05	1	
Persons (c)(i)	55	0.82	0.68	0.65	0.24	0.69	..	0.03	1	
Participation rates —										
Males (c)(i)	56	0.52	0.19	0.13	0.11	0.61	..	0.02	1	
Married women (c)(i)	**	1.62	1.22	1.09	1.61	1.12	..	0.07	1	
All females (c)(i)	57	1.06	0.86	0.64	0.52	0.81	..	0.04	1	
Persons (c)(i)	**	0.59	0.30	0.21	0.18	0.55	..	0.02	1	
<b>Employed Persons —</b>										
Males (i)	58	0.46	0.41	0.40	0.12	0.33	..	0.01	1	
Married women	**	2.22	1.65	1.59	0.66	1.48	..	0.04	1	
All females (i)	59	1.24	1.20	1.09	0.50	0.78	..	0.04	1	
Persons (i)	60	0.67	0.65	0.62	0.18	0.35	..	0.02	1	

For footnotes see end of table.

## APPENDIX D — continued

TABLE 3 — continued

Series description	Page No.	Average percentage change without regard to sign:							M. C. D. †
		From month to month * in the						From year to year in the seasonal factors	
		Original series	Seas- onally adjusted series	Trend series	Irregular series	Seasonal factors	Trading day adjust- ment		
<b>EMPLOYMENT AND LABOUR — contd</b>									
<b>Civilian Employees —</b>									
Males (c)(e)(i)	61	0.25	0.20	0.18	0.08	0.19	..	0.02	1
Females (c)(e)(i)	62	0.54	0.36	0.35	0.10	0.39	..	0.04	1
Persons (c)(e)(i)	63	0.33	0.25	0.23	0.07	0.23	..	0.03	1
Private — Persons (c)(e)(i)	64	0.37	0.29	0.27	0.09	0.27	..	0.03	1
Government — Persons (c)(e)(i)	65	0.37	0.27	0.26	0.08	0.31	..	0.04	1
Construction — Persons (c)(i)	66	0.55	0.37	0.26	0.23	0.42	..	0.07	1
Manufacturing — Persons (c)(i)	67	0.47	0.31	0.28	0.14	0.29	..	0.04	1
Wholesale and retail trade — Persons (c)(i)	68	0.65	0.28	0.25	0.13	0.56	..	0.05	1
Transport and storage — Persons (i)	69	0.33	0.22	0.16	0.14	0.22	..	0.03	1
Finance, insurance, real estate and business services — Persons (c)(i)	70	0.40	0.31	0.29	0.10	0.36	..	0.06	1
<b>Job Vacancies Registered —</b>									
Adults (e)	71	8.66	3.70	2.85	2.19	7.68	..	0.76	1
Juniors (c)(e)	72	18.95	6.76	3.97	4.97	18.82	..	1.31	2
Total (c)(e)	73	8.90	3.93	2.99	2.36	7.89	..	1.23	1
<b>Factory Overtime (a)(b)</b>	74	7.51	3.33	2.11	2.31	6.21	..	0.41	2
<b>WAGES AND SALARIES —</b>									
Average weekly earnings per employed male unit (b)(i)	75	6.43	3.06	3.05	0.54	4.44	1.36	0.05	1
Average weekly ordinary time earnings, full-time adult males (other than managerial, etc. staff) (b)(i)	**	6.72	3.33	3.31	0.64	4.56	1.26	0.10	1
<b>INTERNAL TRADE —</b>									
<b>Quarterly Retail Sales at Current Prices —</b>									
Food and drink (a)(i)	76	5.21	2.09	2.06	0.36	4.41	1.01	0.15	1
Groceries (a)(i)	**	6.33	2.28	2.22	0.44	4.34	1.03	0.10	1
Butchers' meat (a)(i)	**	3.56	2.10	2.00	0.65	1.73	1.08	0.09	1
Other food (a)(i)	**	4.69	2.07	1.96	0.65	3.98	1.03	0.08	1
Total food and groceries (a)(i)	**	4.79	2.06	2.02	0.36	3.19	1.02	0.06	1
Beer, wine and spirits (a)(i)	**	9.13	2.32	2.14	0.68	9.19	0.99	0.13	1

For footnotes see end of table.

## APPENDIX D — continued

TABLE 3 — continued

Series description	Page No.	Average percentage change without regard to sign:							M. C. D. †
		From month to month * in the						From year to year in the seasonal factors	
		Original series	Seasonally adjusted series	Trend series	Irregular series	Seasonal factors	Trading day adjustment		
<b>INTERNAL TRADE — continued</b>									
<b>Quarterly Retail Sales at Current Prices — continued</b>									
Clothing, hardware, electrical, etc. (a)(c)(i)	78	17.45	2.30	2.25	0.50	15.48	1.04	0.10	1
Clothing and drapery (a)(i)	**	22.14	2.12	2.00	0.75	21.41	1.10	0.10	1
Footwear (a)(c)(i)	**	19.45	2.32	1.98	0.94	15.35	1.08	0.22	1
Hardware, china and glassware (a)(c)(i)	**	17.57	2.77	2.35	1.12	18.61	1.02	0.20	1
Electrical goods (a)(i)	**	13.29	3.36	3.12	0.96	10.76	1.14	0.30	1
Furniture and floor coverings (a)(c)(i)	**	14.64	2.84	2.71	0.72	10.10	1.01	0.11	1
All other goods (excl. motor vehicles, parts, petrol, etc.) (a)(i)	80	12.85	2.39	2.32	0.47	10.99	1.05	0.08	1
Chemists' goods (a)(i)	**	10.37	2.45	2.41	0.60	7.89	1.05	0.13	1
Newspapers, books and stationery (a)(i)	**	10.71	2.40	2.33	0.88	10.09	1.02	0.22	1
Other goods (excl. motor vehicles, parts, petrol, etc.) (a)(i)	**	16.30	2.44	2.32	0.66	14.01	1.06	0.09	1
All items (excl. motor vehicles, parts, petrol, etc.) (a)(i)	82	10.17	2.18	2.12	0.36	9.02	1.02	0.08	1
<b>Quarterly Retail Sales at Constant Prices —</b>									
Food and drink (a)(i)	77	5.47	1.02	0.85	0.45	4.49	1.01	0.07	1
Clothing, hardware, electrical, and furniture (a)(c)(i)	79	17.42	1.63	1.45	0.51	15.32	1.04	0.10	1
All other goods (excl. motor vehicles, parts, petrol, etc.) (a)(i)	81	12.80	1.45	1.16	0.64	10.90	1.05	0.09	1
All items (excl. motor vehicles, parts, petrol, etc.) (a)(i)	83	10.05	1.12	1.04	0.34	8.91	1.02	0.09	1
<b>Monthly Retail Sales —</b>									
All items (excl. motor vehicles, parts, petrol, etc.) (a)(c)(i)(j)	84	8.60	1.01	0.77	0.63	6.74	4.31	0.09	1
<b>Registrations of New Motor Vehicles —</b>									
Cars and station wagons (a)	85	10.76	5.64	1.56	5.32	6.17	6.27	0.36	5
Other vehicles (a)	86	11.50	5.59	1.46	5.20	7.99	6.14	0.27	5
Total (a)(e)	87	10.68	5.23	1.35	4.93	6.45	6.22	0.32	5
<b>New Wheeled Tractors Sold for Agricultural Purposes (a)(c)</b>									
	**	16.41	8.41	5.29	5.01	14.34	..	0.75	1
<b>ROAD TRAFFIC ACCIDENTS INVOLVING CASUALTIES —</b>									
Persons killed — monthly (a)	**	12.24	8.26	0.61	8.15	7.09	5.12	0.48	6
Persons killed — quarterly	**	8.02	4.71	2.03	3.56	6.75	..	0.33	2
Persons injured	**	6.65	2.74	1.44	2.14	6.10	..	0.26	2
Number of accidents	**	6.69	2.92	1.57	2.19	6.08	..	0.25	2

For footnotes see end of table.

## APPENDIX D — continued

TABLE 3 — continued

Series description	Page No.	Average percentage change without regard to sign:							M. C. D. †
		From month to month * in the						From year to year in the seasonal factors	
		Original series	Seasonally adjusted series	Trend series	Irregular series	Seasonal factors	Trading day adjustment		
<b>BUILDING, ETC. —</b>									
<b>Building Approved —</b>									
Number of —									
Total new dwellings approved (a)(c)	88	12.02	5.75	1.67	5.43	9.13	6.16	0.29	4
New private dwellings approved (a)(c)	89	11.06	4.61	1.82	4.03	8.19	6.43	0.22	3
Value of —									
Total new dwellings approved (a)(c)	**	11.81	5.80	1.85	5.39	8.83	6.16	0.31	3
Other building approved (a)	**	22.16	17.67	1.46	17.55	11.46	5.91	1.06	6
Private other building approved	**	22.68	18.18	1.89	17.90	11.12	8.38	0.95	6
Total building approved (a)(c)(e)	90	12.23	7.96	1.62	7.69	8.78	6.17	0.47	5
<b>Building Commenced —</b>									
Number of —									
Total new dwellings commenced	91	6.14	4.35	3.39	2.53	4.18	..	0.30	1
New private dwellings commenced	92	6.58	4.36	3.73	2.29	4.09	..	0.22	1
New houses commenced	**	5.88	4.07	2.85	2.29	4.03	..	0.26	1
Other new dwellings commenced	**	13.92	12.20	8.55	8.29	5.42	..	1.00	1
Value of —									
Total new dwellings commenced	93	7.21	5.18	4.09	2.57	4.87	..	0.30	1
Other building commenced	94	13.03	8.88	4.92	6.09	8.56	..	1.03	2
Total building commenced	95	8.86	5.96	3.76	3.61	5.73	..	0.46	1
<b>Building Completed —</b>									
Number of —									
Total new dwellings completed	96	9.96	2.93	2.17	1.59	9.00	..	0.19	1
New private dwellings completed	97	8.50	3.16	2.64	1.66	7.38	..	0.20	1
New houses completed	**	9.65	2.31	1.84	1.32	8.85	..	0.16	1
Other new dwellings completed	**	16.62	9.45	6.21	5.64	12.89	..	0.75	1
Value of —									
Total new dwellings completed	**	11.08	3.35	2.94	1.47	9.56	..	0.23	1
Other building completed	**	10.97	8.09	4.11	5.51	5.97	..	0.50	2
Private other building completed	**	14.32	9.85	4.60	6.93	9.60	..	0.44	2
Total building completed	**	9.81	4.59	3.09	2.68	7.53	..	0.27	1
<b>Value of Work Done on —</b>									
Total new dwellings	98	5.69	3.58	3.34	1.08	4.62	..	0.15	1
New houses	**	5.77	3.39	3.13	1.15	4.93	..	0.14	1
Other new dwellings	**	8.29	6.62	5.59	2.88	4.16	..	0.31	1
Other building	99	6.65	3.81	3.01	2.09	5.85	..	0.24	1
Private other building	**	7.86	4.61	3.44	2.72	6.60	..	0.31	1
Total building	100	5.68	3.11	2.89	1.11	5.11	..	0.16	1
<b>Actual New Capital Expenditure by Private Enterprises —</b>									
New buildings and structures —									
Manufacturing (i)	**	21.01	7.26	5.33	3.95	19.54	..	0.44	1
Mining (i)	**	27.29	20.53	12.41	14.33	18.49	..	0.94	2
Other industries (i)	**	18.17	6.54	3.92	4.92	14.99	..	0.39	2
All industries (i)	101	16.89	5.63	4.02	3.65	14.66	..	0.41	1

For footnotes see end of table.

## APPENDIX D — continued

TABLE 3 — continued

Series description	Page No.	Average percentage change without regard to sign:							M. C. D. †
		From month to month * in the						From year to year in the seasonal factors	
		Original series	Seasonally adjusted series	Trend series	Irregular series	Seasonal factors	Trading day adjustment		
<b>BUILDING, ETC. — continued</b>									
<b>Actual New Capital Expenditure by Private Enterprises — continued</b>									
Other new capital equipment —									
Manufacturing (i)	**	16.81	5.00	3.75	2.63	16.40	..	0.34	1
Mining (i)	**	24.40	17.79	10.93	10.75	17.50	..	1.09	1
Other industries (i)	**	16.71	9.62	5.98	6.42	12.21	..	0.53	2
All industries (i)	102	15.35	5.61	4.00	3.53	13.95	..	0.24	1
Total new capital expenditure —									
Manufacturing (i)	103	17.58	4.44	3.54	2.44	17.29	..	0.26	1
Mining (i)	104	21.51	12.83	9.82	6.81	18.63	..	0.80	1
Other industries (i)	105	16.09	6.39	4.19	4.34	13.18	..	0.34	2
All industries (i)	106	15.26	4.35	3.52	2.30	14.36	..	0.29	1
<b>Expected New Capital Expenditure by Private Enterprises —</b>									
New buildings and structures —									
Manufacturing (i)	**	10.93	9.27	7.84	4.08	4.37	..	0.93	1
Mining (h)	**	30.28	28.18	23.55	12.49	..	..	..	1
Other industries (i)	**	11.51	9.50	7.09	4.47	6.12	..	0.26	1
All industries (e)	**	8.85	8.21	7.27	3.40	4.11	..	0.59	1
Other new capital equipment —									
Manufacturing (i)	**	10.06	9.65	7.08	5.10	1.59	..	0.31	1
Mining (h)	**	22.21	19.09	15.83	5.30	..	..	..	1
Other industries (i)	**	19.75	16.81	11.46	10.12	5.28	..	0.89	1
All industries (e)	**	11.87	11.15	9.66	4.91	2.78	..	1.08	1
Total new capital expenditure —									
Manufacturing (i)	**	9.22	8.51	6.85	4.17	2.59	..	0.51	1
Mining (h)	**	21.78	20.08	17.64	5.68	..	..	..	1
Other industries (i)	**	12.22	11.26	8.41	4.91	5.38	..	0.39	1
All industries (e)	107	9.84	9.29	8.28	3.31	3.13	..	0.34	1
<b>STOCKS OWNED BY PRIVATE ENTERPRISES —</b>									
Manufacturing —									
Food, beverages and tobacco (i)	**	4.07	2.75	2.35	1.24	2.60	..	0.17	1
Textiles, clothing and footwear (i)	**	3.68	2.98	2.49	1.35	1.91	..	0.15	1
Paper, paper products, printing and publishing (i)	**	4.19	3.88	3.40	1.60	1.41	..	0.25	1
Chemical, petroleum and coal products (i)	**	4.86	3.37	3.05	1.37	3.07	..	0.20	1
Basic metal products (h)	**	4.47	4.47	3.87	1.97	..	..	..	1
Transport equipment (i)	**	5.01	4.60	3.80	1.81	1.67	..	0.22	1
Fabricated metal products, other machinery and equipment (h)	**	3.25	3.25	2.77	0.99	..	..	..	1
Other manufacturing (i)	**	3.55	2.77	2.57	0.76	1.67	..	0.10	1
Total manufacturing (i)	**	2.74	2.59	2.49	0.47	0.82	..	0.08	1
Wholesale trade (i)	**	3.24	2.96	2.81	0.62	1.49	..	0.19	1

For footnotes see end of table.

## APPENDIX D — continued

TABLE 3 — continued

Series description	Page No.	Average percentage change without regard to sign:							M. C. D. †
		From month to month * in the						From year to year in the seasonal factors	
		Original series	Seasonally adjusted series	Trend series	Irregular series	Seasonal factors	Trading day adjustment		
<b>STOCKS OWNED BY PRIVATE ENTERPRISES — continued</b>									
Retail trade (i)	**	5.81	5.52	4.79	1.32	2.13	..	0.07	1
Total (i)	**	2.73	2.61	2.54	0.41	0.77	..	0.07	1
<b>FINANCE —</b>									
<b>Taxation Revenue —</b>									
Commonwealth and State Government consolidated revenue funds (a)(c)(d)(e)(i)	108	21.71	4.01	1.45	3.65	19.73	1.92	6.86	3
<b>Volume of Money —</b>									
Definition M <sub>1</sub> (b)(e)(i)	109	1.54	0.89	0.68	0.59	1.22	0.76	0.09	1
Definition M <sub>2</sub> (b)(c)(e)(i)	**	1.42	0.91	0.80	0.44	1.33	0.50	0.07	1
Definition M <sub>3</sub> (b)(c)(e)(i)	110	1.04	0.83	0.80	0.25	0.72	0.28	0.04	1
<b>Savings Banks —</b>									
Depositors' balances (b)(i)	111	0.89	0.81	0.80	0.13	0.46	..	0.03	1
<b>Major Trading Banks —</b>									
Total deposits (b)(c)(e)(i)	112	1.58	0.99	0.85	0.48	1.55	0.59	0.08	1
Loans, advances, etc. (excl. temporary advances to wool buyers, etc.) (i)	**	1.61	1.11	0.97	0.43	1.21	..	0.12	1
Total loans, advances, etc. (i)	113	1.46	1.09	1.00	0.40	1.04	..	0.10	1
Liquid assets and Australian Government securities (i)	**	5.44	2.43	1.80	1.47	4.69	..	0.31	1
New and increased lending commitments (e)(i)	114	12.05	9.96	2.94	8.96	6.40	..	0.96	4
Overdraft limits outstanding (i)	**	0.88	0.85	0.84	0.19	0.26	..	0.05	1

For footnotes see end of table.

## APPENDIX D — continued

TABLE 3 — continued

Series description	Page No.	Average percentage change without regard to sign:							M. C. D. †
		From month to month * in the						From year to year in the seasonal factors	
		Original series	Seasonally adjusted series	Trend series	Irregular series	Seasonal factors	Trading day adjustment		
<b>FINANCE — continued</b>									
<b>Housing Finance for Owner Occupation, Loans Approved to Individuals for Construction or Purchase of Dwellings —</b>									
Construction of dwellings and purchase of newly erected dwellings —									
Number of dwelling units for which loans have been approved by —									
Savings banks (a)	115	10.53	5.84	2.14	5.20	4.72	8.62	0.37	3
Trading banks (a)	116	16.42	7.29	2.57	6.58	7.02	15.65	0.44	4
Permanent building societies	117	15.16	9.67	5.52	6.88	10.23	5.06	0.99	2
Value of loans approved by —									
Savings banks (a)	**	10.77	6.13	2.62	5.16	4.51	8.62	0.42	3
Trading banks (a)	**	17.62	8.15	3.21	7.04	7.49	15.65	0.44	3
Permanent building societies	**	15.94	10.64	5.94	7.63	10.80	5.06	1.01	2
Purchase of established dwellings —									
Number of dwelling units for which loans have been approved by —									
Savings banks (a)	**	11.40	5.52	2.62	4.37	6.50	8.98	0.52	2
Trading banks (a)	**	17.11	6.40	3.82	4.77	9.08	15.65	0.64	2
Permanent building societies	**	14.82	9.93	6.57	5.99	10.70	6.47	1.20	1
Value of loans approved by —									
Savings banks (a)	**	11.67	5.75	3.21	4.24	6.11	8.98	0.60	2
Trading banks (a)	**	18.42	7.26	4.56	5.24	9.72	15.65	0.71	2
Permanent building societies	**	16.51	11.10	7.46	6.73	10.63	6.47	1.36	1
<b>Total —</b>									
Number of dwelling units for which loans have been approved by —									
Savings banks (a)(e)	**	10.71	4.96	2.11	4.09	6.50	8.85	0.52	3
Trading banks (a)(e)	**	16.65	6.19	2.99	5.10	7.99	15.66	0.53	3
Permanent building societies (e)	**	14.42	9.36	5.94	5.90	10.43	5.74	1.04	1
Value of loans approved by —									
Savings banks (a)(e)	118	10.89	5.23	2.91	4.03	5.08	8.84	0.59	2
Trading banks (a)(e)	119	17.65	6.91	4.14	5.12	8.68	15.65	0.63	2
Permanent building societies (e)	120	15.71	10.20	6.56	6.54	10.53	5.73	1.12	2

For footnotes see end of table.

## APPENDIX D — continued

TABLE 3 — continued

Series description	Page No.	Average percentage change without regard to sign:							M. C. D. †
		From month to month * in the						From year to year in the seasonal factors	
		Original series	Seasonally adjusted series	Trend series	Irregular series	Seasonal factors	Trading day adjustment		
<b>NATIONAL ACCOUNTS AT CURRENT PRICES —</b>									
<b>Household Income —</b>									
Wages, salaries and supplements	121	6.58	1.58	1.50	0.57	4.80	1.10	0.07	1
Income of farm unincorporated enterprises (f)	**	367	36	26	23	364	..	94	1
Income of other unincorporated enterprises and from dwellings and interest and dividends (e)	**	21.83	3.09	2.85	1.07	23.15	..	0.66	1
Third party insurance transfers (h)	**	6.55	6.06	3.91	3.66	..	..	..	1
Transfers from overseas (e)	**	9.14	8.32	5.19	5.17	2.31	..	1.12	2
Transfers from general government —									
Cash benefits (e)	**	6.62	3.87	3.47	1.79	5.56	..	2.72	1
Unfunded employee retirement benefits (h)	**	13.75	13.75	8.11	8.35	..	..	..	2
Total (e)	144	10.25	2.80	2.77	0.59	8.93	..	1.32	1
<b>Household Outlay —</b>									
Private final consumption (e)	130	6.66	2.56	2.51	0.34	5.15	0.52	0.08	1
Consumer debt interest (k)	**	3	3	3	1	4	..	0	1
Income tax paid (e)	**	54.53	8.15	5.00	5.98	52.61	..	3.79	2
Other direct taxes, fees, fines, etc. (e)	**	6.16	3.78	2.76	2.11	5.24	..	0.24	1
Transfers overseas	**	10.38	7.88	4.54	5.45	4.38	..	0.77	2
Saving (e)(f)	145	694	89	59	56	677	..	116	1
Total (e)	**	10.25	2.80	2.77	0.59	8.93	..	1.32	1
<b>Household Disposable Income (e)</b>	144	15.76	2.79	2.64	0.93	14.68	..	1.76	1
<b>Gross Domestic Product —</b>									
Gross farm product (e)	124	74.38	5.88	4.88	3.45	73.73	..	14.19	1
Gross non-farm product (b)(e)	126	7.76	2.90	2.84	0.58	6.16	0.67	0.14	1
Total (b)(e)	122	9.80	2.77	2.72	0.62	8.02	0.61	1.04	1
<b>Gross Domestic Product at Factor Cost (b)(e)(i)</b>	**	10.97	2.76	2.70	0.62	9.19	0.65	1.20	1
<b>Gross Operating Surplus —</b>									
Trading enterprises —									
Companies (e)	142	15.40	4.45	3.55	2.45	17.36	..	0.42	1
Dwellings owned by persons	**	11.18	3.84	3.67	1.25	10.86	..	0.27	1
Public enterprises	**	24.14	7.09	3.65	5.32	20.52	..	0.84	2
Other (e)	143	29.44	3.02	2.72	1.38	28.51	..	4.54	1
Financial enterprises less imputed bank service charge (c)(k)	**	16	8	6	5	15	..	1	1

For footnotes see end of table.

## APPENDIX D — continued

TABLE 3 — continued

Series description	Page No.	Average percentage change without regard to sign:							M. C. D. †
		From month to month * in the						From year to year in the seasonal factors	
		Original series	Seas- onally adjusted series	Trend series	Irregular series	Seasonal factors	Trading day adjust- ment		
NATIONAL ACCOUNTS AT CURRENT PRICES — <i>continued</i>									
Indirect Taxes less Subsidies (c)(e)	**	6.87	3.39	3.03	1.49	5.13	..	0.63	1
Exports of Goods and Services (c)(e)	**	6.75	4.94	3.53	2.81	3.96	..	0.45	1
Imports of Goods and Services (c)(e)	**	5.62	4.92	4.40	1.84	0.66	..	0.29	1
Gross National Expenditure (b)(c)(e)	128	9.62	2.94	2.91	0.79	7.68	0.61	1.11	1
Final Consumption Expenditure —									
Private —									
Food (a)	**	4.83	2.06	2.03	0.35	3.16	1.01	0.06	1
Cigarettes, tobacco and alcoholic drinks (a)(c)(e)	**	7.85	2.37	2.22	0.72	7.45	0.67	0.11	1
Clothing, footwear and drapery (a)(c)(e)	**	21.67	2.13	2.07	0.71	20.62	1.07	0.10	1
Household durables (a)(c)(e)	**	15.06	2.89	2.75	0.77	12.21	0.98	0.27	1
Purchase of motor vehicles	**	8.43	5.90	3.90	3.54	5.51	..	0.49	1
Rent (h)	**	3.38	3.37	3.33	0.39	..	..	..	1
Other goods and services (a)(c)(e)	**	4.69	2.78	2.74	0.40	2.99	0.22	0.10	1
Total (e)	130	6.66	2.56	2.51	0.34	5.15	0.52	0.08	1
Government	132	11.47	3.92	3.42	1.77	11.17	..	0.26	1
Gross Fixed Capital Expenditure —									
Private —									
Dwellings	**	4.97	3.93	3.68	1.21	3.42	..	0.11	1
Other building and construction	**	14.02	4.82	3.67	3.24	12.42	..	0.47	1
All other	**	12.89	4.78	3.11	2.97	12.45	..	0.28	1
Total (e)	136	9.38	3.50	2.93	1.84	8.97	..	0.29	1
Public —									
Public enterprises (e)	**	15.67	5.49	3.44	4.14	14.53	..	0.54	2
General government	**	27.21	5.09	3.32	3.18	25.83	..	0.47	1
Total (e)	138	20.96	4.24	2.81	2.96	19.86	..	0.45	2
Total (e)	134	13.46	3.16	2.73	1.62	12.93	..	0.30	1
Increase in Stocks —									
Farm and miscellaneous (c)(e)(f)	**	324	49	31	32	44	..	4	2
Private non-farm (e)(f)	140	137	94	54	69	20	..	2	2
Total (c)(e)(f)	**	312	121	72	86	29	..	4	2
Statistical Discrepancy (e)(f)	**	289	112	40	92	239	..	39	4

For footnotes see end of table.

## APPENDIX D — continued

TABLE 3 — continued

Series description	Page No.	Average percentage change without regard to sign:							M. C. D. †
		From month to month * in the						From year to year in the seasonal factors	
		Original series	Seasonally adjusted series	Trend series	Irregular series	Seasonal factors	Trading day adjustment		
<b>NATIONAL ACCOUNTS AT AVERAGE 1974-75 PRICES —</b>									
<b>Gross Domestic Product —</b>									
Gross farm product (e)	125	91.00	9.22	6.01	6.07	11.69	..	1.27	2
Gross non-farm product (b)(e)	127	7.14	1.47	1.14	0.85	5.83	0.65	0.09	1
Total (b)(e)	123	8.79	1.48	1.08	0.92	5.03	0.60	0.13	1
<b>Exports of Goods and Services (c)(e)</b>	**	5.89	4.27	2.48	2.84	3.19	..	0.22	2
<b>Imports of Goods and Services (c)(e)</b>	**	4.73	4.21	3.46	1.57	2.59	..	0.26	1
<b>Gross National Expenditure (b)(c)(e)</b>	129	8.37	1.71	1.29	1.06	4.69	0.62	0.16	1
<b>Final Consumption Expenditure —</b>									
Private —									
Food (a)	**	3.55	1.06	0.90	0.42	3.42	1.01	0.07	4
Cigarettes, tobacco and alcoholic drinks (a)(c)(e)	**	7.04	1.54	1.14	0.93	6.36	0.66	0.14	1
Clothing, footwear and drapery (a)(c)(e)	**	20.43	1.62	1.25	0.84	19.85	1.04	0.19	1
Household durables (a)(c)(e)	**	16.78	3.20	2.27	1.71	13.29	0.99	0.28	1
Purchase of motor vehicles	**	8.96	6.06	3.82	3.80	6.19	..	0.54	1
Rent (h)	**	1.57	1.56	1.54	0.22	..	..	..	1
Other goods and services (a)(c)(e)	**	3.44	1.24	1.12	0.39	2.89	0.19	0.10	1
Total (e)	131	5.58	1.16	1.06	0.31	5.04	0.46	0.08	1
Government	133	11.85	2.21	1.57	1.46	10.02	..	0.24	1
<b>Gross Fixed Capital Expenditure —</b>									
Private —									
Dwellings	**	6.04	3.53	3.11	1.22	3.34	..	0.11	1
Other building and construction	**	14.56	4.55	3.25	3.25	12.15	..	0.47	2
All other	**	13.62	4.56	2.59	2.97	12.44	..	0.29	2
Total (e)	137	10.02	2.72	1.95	1.49	9.61	..	0.22	1
Public	139	20.26	3.08	1.69	2.47	19.93	..	0.43	2
Total (e)	135	13.81	1.94	1.27	1.41	13.41	..	0.29	2
<b>Increase in Stocks —</b>									
Farm and miscellaneous (c)(e)(f)	**	575	88	52	60	170	..	18	2
Private non-farm (e)(f)	141	231	131	71	93	104	..	10	2
Total (c)(e)(f)	**	578	182	108	125	145	..	21	2
<b>Statistical Discrepancy (e)(f)</b>	**	409	153	71	128	340	..	32	2

For footnotes see end of table.

APPENDIX D — *continued*TABLE 3 — *continued*

\* From quarter to quarter in quarterly series; from half-year to half-year in half-yearly series.

† Q.C.D. for quarterly series; half-years for cyclical dominance for half-yearly series.

\*\* Series not published in this bulletin.

- (a) In seasonally adjusting this series, allowance has been made by prior adjustment for Easter and/or Australia Day effects.
- (b) In seasonally adjusting this series, allowance has been made by prior adjustment for a special type of trading-day variation, other than a simple weekly pattern. (For further details, see Appendix C).
- (c) In seasonally adjusting this series, allowance has been made by prior adjustment for an apparent abrupt change in seasonality. (For further details, see Appendix C).
- (d) In the seasonal analysis of this series, allowance has been made by prior adjustment for the effects of exceptional irregular movements. (For further details, see Appendix C).
- (e) Series adjusted aggregatively. Measures for trend and irregular components relate to estimates derived by direct analysis of the aggregatively adjusted series. Measures for seasonal and trading-day adjustment factors relate to equivalent direct adjustments implicit in the relationship between the original and the aggregatively adjusted series.
- (f) Measures for the trend and irregular components (and the Q.C.D.) relate to estimates derived by a direct additive analysis of the aggregatively adjusted series. The measures represent average quarter to quarter differences.
- (g) Series is directly adjusted up to June quarter 1969. However from September quarter 1968 until December quarter 1975 (after which it ceases to exist as a separate series) the series is aggregatively adjusted and the measures of variability are calculated as described in footnote (f).
- (h) Series contains insignificant seasonality. No adjustments have been made to the original data.
- (i) In the seasonal analysis of this series, allowance has been made by prior adjustment for the effects of trend discontinuities. (For further details, see Appendix C).
- (j) Trading day weights reflect apparent changes in trading day pattern in recent years. (For further details, see Appendix C).
- (k) Series is adjusted by direct additive analysis. The measures represent average quarter to quarter differences.



## APPENDIX E

## DISCONTINUITIES IN TREND AND SEASONAL PATTERN

This appendix provides an extension of the basic outline given in Appendix A, paragraphs 16 (g) (iv) – *abrupt changes in seasonal pattern* and 16 (g)(v) – *abrupt trend discontinuities*.

2. As mentioned in Appendix A, the Bureau uses the X-11 Variant of the Census Method II Seasonal Adjustment Program and its quarterly equivalent, X-11Q (see paragraph 11, Appendix A).

3. While X-11 (Q) is able to follow gradual changes in seasonal pattern from year to year there are cases where abrupt changes in seasonal pattern preclude normal estimation. Additionally, discontinuities in trend tend to be smoothed out in the trend estimation process. This can lead to poor estimation of the seasonal pattern in the years immediately before and after the discontinuity.

4. A prime example of a series where adjustment is made for a trend discontinuity which was accompanied by an abrupt change in seasonal pattern is *civilian employees – wholesale and retail trade* (see page 68). In this instance, the adoption of new population benchmarks on which the estimates of the original figures are based, and a new classification of industry, effectively increased the number of persons in this classification and also changed the seasonal pattern from June 1971. In the absence of a prior correction to remove these effects, estimates of trend in the vicinity of June 1971 would be incorrect. Consequently the seasonal-irregular (SI) component (which is derived by removing the estimated trend from the original series) would also be distorted and would aggravate the problem caused by the abrupt change in seasonal pattern.

5. In these situations better estimates of seasonal factors are obtained by using a trend break factor (T) to correct for a discontinuity in trend, and seasonal break factors ( $P_i$ , where  $i$  is the  $i$ th month or quarter) to remove the abrupt change in seasonal pattern. Seasonal factors ( $S_i$ ) can then be obtained by using X-11(Q) on this modified series. Final seasonal factors, which reflect the break in seasonal pattern, are derived by multiplying these seasonal factors ( $S_i$ ) by the seasonal break factors ( $P_i$ ).

6. Thus the problem of seasonally adjusting series with discontinuities in either trend or seasonal pattern becomes one of identifying and quantifying them. In the above example (paragraph 4) data was available both on the old and new basis for a period exceeding a year. Using formulae similar to that derived below it was possible to quantify both the changes in trend and seasonal pattern and obtain the necessary prior factors.

7. Given an overlap period of one year it would seem desirable that the overlap data on the old basis, when transformed by the seasonal break prior factors and trend break prior factors, should equal the overlap data on the new basis –

$$O_i^N = O_i^O / P_i T \quad (1)$$

$i = 1, \dots, n$

$n = 4$ , quarterly series

$n = 12$ , monthly series

$O_i^N$  are the original figures on the new basis ;

$O_i^O$  are the original figures on the old basis;

$P_i$  are the seasonal break factors; and

$T$  is the trend break factor.

A second desirable characteristic of the seasonal break prior factors is that they should not alter the level of the series. This is best expressed as

$$\sum_{i=1}^n S_i = \sum_{i=1}^n S_i / P_i \quad (2)$$

where  $S_i(i=1, \dots, n)$  are the seasonal factors for the original data on the old basis for the period of the overlap. Combining (1) and (2) and solving for  $T$  and  $P_i(i=1, \dots, n)$  gives

$$T = \frac{\sum_{i=1}^n S_i}{\sum_{i=1}^n S_i O_i^N / O_i^O} \quad (3)$$

$$\text{and } P_i = \frac{O_i^O}{T O_i^N} \quad i = 1, \dots, n \quad (4)$$

8. Similar formulae to (3) and (4) can be easily derived for cases when the overlap exceeds a year and when there is a difference in the slopes of the new and old basis data. It needs to be stressed that this approach can only give useful results if the differences between the new and old basis data largely reflect changes in trend and seasonal pattern and *not* differences between their irregular components, especially if only a short span of overlap data is used.

9. Although overlap data are often available for discontinuities in trend and seasonal pattern attributable to changes in definition, classification or adoption of new benchmarks they are never available when the discontinuity is due to an inherent change in the series and only rarely when due to a change in recording or administrative procedure. These latter sorts of change rarely produce a discontinuity in trend but abrupt changes in seasonal pattern are quite common. The first indication of an abrupt change in seasonal pattern in these cases is usually an abnormally high level of irregularity in the seasonally adjusted figures. At this point an investigation into any possible changes in estimation, recording etc. is initiated. If a reason can be found for the discontinuity in seasonal pattern that is consistent with the behaviour of the data then it is sometimes possible to derive satisfactory seasonal break factors after two years have elapsed, providing the discontinuity is well defined. If no reason for the discontinuity can be found then seasonal break factors may be calculated and applied after three years have elapsed, again providing the discontinuity is well defined. The general method used in both these cases is to estimate the deviation at the time of the discontinuity in the seasonal irregulars. From these estimates, seasonal break factors can be derived that satisfy (2).

10. An alternative to removing discontinuities prior to applying X-11(Q) is to simply analyse data from the point of discontinuity separately from that prior to it. This approach has the advantage of not requiring any prior corrections but suffers the disadvantage of requiring very short spans of data to be analysed. This penalty is regarded as being too great, particularly so because most discontinuities in seasonal pattern affect only a few months (or quarters) of the year.



